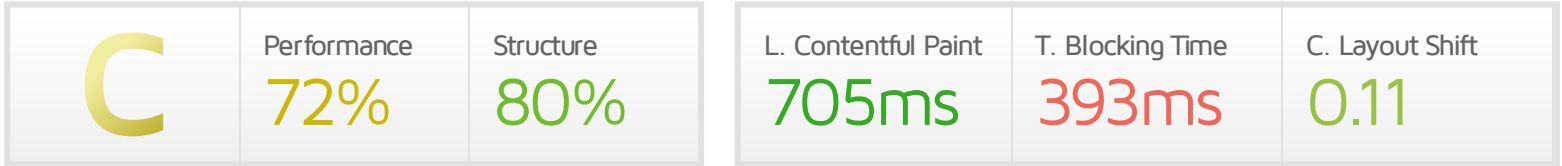


## Performance Report for: <https://sonraianalytics.com/>

Report generated: Tue, Mar 12, 2024 3:45 AM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0



### Top Issues

High	Avoid enormous network payloads <small>LCP</small>	Total size was 5.73MB
Med	Serve static assets with an efficient cache policy	Potential savings of 5.26MB
Med-Low	Avoid an excessive DOM size <small>TBT</small>	1,372 elements
Med-Low	Properly size images	Potential savings of 2.71MB
Low	Use passive listeners to improve scrolling performance	1 event listener not passive

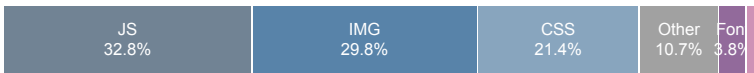
### Page Details



Total Page Size - 5.71MB



Total Page Requests - 131



### How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix



GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<https://carbon60.com/>

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

## Home - Sonrai Analytics

Resource	Size	Source	Time
/	200	sonraianalytics.com	35.4KB 75ms
cookieblocker.min.css?v...	200	sonraianalytics.com	809B 9ms
bootstrap.min.css?ver=6...	200	sonraianalytics.com	18.2KB 24ms
elementor-icons.min.css?...	200	sonraianalytics.com	3.79KB 20ms
frontend-lite.min.css?ver...	200	sonraianalytics.com	12.6KB 24ms
swiper.min.css?ver=5.3.6	200	sonraianalytics.com	2.32KB 25ms
post-7.css?ver=1703346118	200	sonraianalytics.com	538B 25ms
frontend-lite.min.css?ver...	200	sonraianalytics.com	1.60KB 24ms
all.min.css?ver=3.18.3	200	sonraianalytics.com	12.3KB 33ms
v4-shims.min.css?ver=3...	200	sonraianalytics.com	4.06KB 34ms
global.css?ver=1703346119	200	sonraianalytics.com	1.98KB 34ms
post-13366.css?ver=1703...	200	sonraianalytics.com	2.72KB 60ms
flickity.min.css?ver=3.0.1	200	sonraianalytics.com	757B 60ms
style.min.css?ver=3.0.1	200	sonraianalytics.com	11.4KB 88ms
jquery-confirm.min.css?v...	200	sonraianalytics.com	3.23KB 63ms
bootstrap-select.min.css...	200	sonraianalytics.com	2.16KB 88ms
pix-essentials-style-2.css...	200	sonraianalytics.com	49.0KB 141ms
style.min.css?ver=3.10.0	200	sonraianalytics.com	4.95KB 90ms
font-awesome.min.css?v...	200	sonraianalytics.com	6.68KB 120ms
magnific-popup.css?ver=...	200	sonraianalytics.com	1.78KB 121ms
twentytwenty.css?ver=3.1...	200	sonraianalytics.com	1.19KB 129ms
ha-13366.css?ver=3.10.0...	200	sonraianalytics.com	1.53KB 130ms
css?family=Roboto+Slab...	200	fonts.googleapis.com	1.29KB 174ms
jquery.min.js?ver=3.7.1	200	sonraianalytics.com	29.1KB 135ms
jquery-migrate.min.js?ver...	200	sonraianalytics.com	4.78KB 133ms
v4-shims.min.js?ver=3.18.3	200	sonraianalytics.com	4.13KB 134ms
sonrai_logo_whitebg_sm...	200	sonraianalytics.com	5.05KB 421ms
AI-Data-Integration-c.jpg	200	sonraianalytics.com	561KB 147ms
Liquid-Biopsy.png	200	sonraianalytics.com	216KB 439ms
Interactive-Reports.jpg	200	sonraianalytics.com	39.8KB 426ms
Data-App-Storyboard.gif	200	sonraianalytics.com	101KB 435ms
Roche_logo-web-1-e1625...	200	sonraianalytics.com	15.8KB 431ms
1.png	200	sonraianalytics.com	22.8KB 431ms
2.png	200	sonraianalytics.com	26.4KB 433ms
3.png	200	sonraianalytics.com	22.8KB 435ms
4.png	200	sonraianalytics.com	23.1KB 436ms
1-1.png	200	sonraianalytics.com	33.0KB 432ms
3-1.png	200	sonraianalytics.com	23.5KB 433ms
2-1.png	200	sonraianalytics.com	25.5KB 433ms
4-1.png	200	sonraianalytics.com	25.1KB 436ms
7.png	200	sonraianalytics.com	41.7KB 437ms
6.png	200	sonraianalytics.com	103KB 449ms
4-2.png	200	sonraianalytics.com	59.4KB 443ms
2-2.png	200	sonraianalytics.com	48.1KB 444ms
5.png	200	sonraianalytics.com	33.1KB 445ms
1-2.png	200	sonraianalytics.com	49.9KB 447ms
post-20749.css?ver=1703...	200	sonraianalytics.com	728B 238ms
css?family=Roboto%3A4...	200	fonts.googleapis.com	767B 242ms
css?family=Poppins%3A...	200	fonts.googleapis.com	503B 333ms
animations.min.css?ver=...	200	sonraianalytics.com	2.57KB 346ms
flickity.pkgd.min.js?ver=3...	200	sonraianalytics.com	12.9KB 346ms
global-dividers.js?ver=3.0.1	200	sonraianalytics.com	629B 346ms
7805246.js?integration=W...	200	js.hs-scripts.com	1.22KB 486ms

popper.min.js?ver=3.0.1	200	sonraianalytics.com	7.24KB		346ms				
bootstrap.min.js?ver=3.0.1	200	sonraianalytics.com	13.9KB		346ms				
bootstrap-select.min.js?v...	200	sonraianalytics.com	15.2KB		351ms				
core.min.js?ver=1.13.2	200	sonraianalytics.com	6.83KB		351ms				
essentials.min.js?ver=3.0.1	200	sonraianalytics.com	48.1KB		410ms				
jquery.isotope.js?ver=3.1...	200	sonraianalytics.com	24.9KB		368ms				
jquery.magnific-popup.mi...	200	sonraianalytics.com	7.08KB		361ms				
imagesloaded.min.js?ver...	200	sonraianalytics.com	1.86KB		367ms				
jquery.event.move.js?ver...	200	sonraianalytics.com	4.19KB		368ms				
jquery.twentytwenty.js?ve...	200	sonraianalytics.com	1.47KB		369ms				
happy-addons.min.js?ver...	200	sonraianalytics.com	9.25KB		372ms				
complianz.min.js?ver=6.5.6	200	sonraianalytics.com	10.1KB		445ms				
webpack-pro.runtime.min...	200	sonraianalytics.com	2.47KB		373ms				
webpack.runtime.min.js?...	200	sonraianalytics.com	2.23KB		374ms				
frontend-modules.min.js?...	200	sonraianalytics.com	16.2KB		375ms				
wp-polyfill-inert.min.js?ve...	200	sonraianalytics.com	2.46KB		381ms				
regenerator-runtime.min.j...	200	sonraianalytics.com	2.55KB		382ms				
wp-polyfill.min.js?ver=3.1...	200	sonraianalytics.com	33.6KB		410ms				
hooks.min.js?ver=c6aec9...	200	sonraianalytics.com	1.66KB		400ms				
i18n.min.js?ver=7701b0c...	200	sonraianalytics.com	3.69KB		401ms				
frontend.min.js?ver=3.13.2	200	sonraianalytics.com	6.37KB		402ms				
waypoints.min.js?ver=4.0.2	200	sonraianalytics.com	2.99KB		403ms				
frontend.min.js?ver=3.18.3	200	sonraianalytics.com	11.8KB		404ms				
elements-handlers.min.js...	200	sonraianalytics.com	6.53KB		405ms				
pixicon.ttf?6geuic	200	sonraianalytics.com	603KB		315ms				
QUB-PMC-web.png	200	sonraianalytics.com	62.4KB		19ms				
CRUK.png	200	sonraianalytics.com	124KB		38ms				
NHS-10mm-RGB-Blue.jpg	200	sonraianalytics.com	37.6KB		37ms				
KFOICnqEu92Fr1MmWUif...	200	fonts.gstatic.com	15.5KB		265ms				
KFOmCnqEu92Fr1Mu4mx...	200	fonts.gstatic.com	15.4KB		276ms				
pxiByp8kv8JHgFVrLCz7Z...	200	fonts.gstatic.com	7.63KB		226ms				
pxiEyp8kv8JHgFVrJJfecg...	200	fonts.gstatic.com	7.70KB		217ms				
fb.js	200	js.hsadspixel.net	3.60KB		105ms				
collectedforms.js	200	js.hscollectedforms.net	25.2KB		98ms				
conversations-embed.js	200	js.usemessages.com	24.7KB		106ms				
7805246.js	200	js.hs-analytics.net	21.1KB		241ms				
banner.js	200	js.hs-banner.com	23.4KB		185ms				
star.svg	200	sonraianalytics.com	501B		18ms				
json?portalId=7805246&u...	200	forms.hscollectedfor...	436B		119ms				
insight.min.js	200	snap.licdn.com	16.8KB		68ms				
banner-1-optim.css?v=28	200	sonraianalytics.com	2.41KB		21ms				
wp-emoji-release.min.js?...	200	sonraianalytics.com	4.71KB		20ms				
public?portalId=7805246...	200	api.hubspot.com	1.47KB		437ms				
OPTIONS public?portalId...	200	api.hubspot.com	18B		164ms				
cf-location	200	js.hs-banner.com	6B		33ms				
counters.gif?key=collecte...	200	forms.hsforms.com	1.15KB		164ms				
text-editor.2c35aafbe5bf0...	200	sonraianalytics.com	813B		12ms				
storyboard-pipeline.jpg	200	sonraianalytics.com	170KB		41ms				
heatmap-website.png	200	sonraianalytics.com	139KB		41ms				
in-vivo-linechart-website...	200	sonraianalytics.com	72.2KB		38ms				
volcano-plot-website.png	200	sonraianalytics.com	79.4KB		38ms				
pca-website.png	200	sonraianalytics.com	112KB		38ms				
in-vitro-drc-website.png	200	sonraianalytics.com	56.8KB		26ms				
unmarkedHE.png	200	sonraianalytics.com	0.96MB		43ms				
AIDeepLearningHE.png	200	sonraianalytics.com	901KB		84ms				
fa2a6c6d4a4246f7acaaa8...	200	app.hubspot.com	19.9KB		240ms				
collect?v=2&fmt=js&pid=...	302	px.ads.linkedin.com	0		358ms				
json?portalId=7805246	200	api.hubapi.com	1.02KB		192ms				
POST wa/	204	px.ads.linkedin.com	442B		185ms				
collect?v=2&fmt=js&pid=...	302	px.ads.linkedin.com	0		182ms				
bundle.production.js	200	static.hsappstatic.net	16.7KB		72ms				
visitor.css	200	static.hsappstatic.net	4.23KB		65ms				

bundle.production.js	200	static.hsappstatic.net	94.1KB				84ms
visitor.js	200	static.hsappstatic.net	210KB				103ms
li_sync?redirect=https%3...	302	linkedin.com	0				207ms
collect?v=2&fmt=js&pid=...	200	px.ads.linkedin.com	407B				177ms
i18n-data-data-locales-en-...	200	static.hsappstatic.net	973B				23ms
7805246.js	200	js-na1.hs-scripts.com	828B				144ms
__ptq.gif?k=1&sd=1367x8...	200	track.hubspot.com	45B				162ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	28.2KB				7ms
IMG_7796.jpg?width=108...	200	7805246.fs1.hubspot...	1.36KB				194ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				7ms
POST rhumb?hs_static_a...	204	app.hubspot.com	1.64KB				192ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				9ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				3ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				10ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				3ms
Green-White-Icon-RGB-sl...	200	sonraianalytics.com	0				18ms
<b>131 Requests</b>		<b>5.71MB (9.9MB Uncompressed)</b>		<b>Fully Loaded 3.6s (Onload 3.3s)</b>			



### Performance Metrics

<p><b>First Contentful Paint</b></p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Good - Nothing to do here</p> <p><b>705ms</b></p>	<p><b>Time to Interactive</b></p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Good - Nothing to do here</p> <p><b>2.3s</b></p>
<p><b>Speed Index</b></p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Much longer than recommended</p> <p><b>2.7s</b></p>	<p><b>Total Blocking Time</b></p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Much longer than recommended</p> <p><b>393ms</b></p>
<p><b>Largest Contentful Paint</b></p> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p>	<p>Good - Nothing to do here</p> <p><b>705ms</b></p>	<p><b>Cumulative Layout Shift</b></p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>OK, but consider improvement</p> <p><b>0.11</b></p>

### Browser Timings

Redirect	0ms	Connect	56ms	Backend	4ms
TTFB	60ms	First Paint	706ms	DOM Int.	1.7s
DOM Loaded	1.7s	Onload	3.3s	Fully Loaded	3.6s

IMPACT AUDIT

Low

Eliminate render-blocking resources FCP LCP

Potential savings of 87ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
<a href="https://sonraianalytics.com/wp-content/themes/essentials/inc/scss/bootstrap.min.css?ver=6.4.3">https://sonraianalytics.com/wp-content/themes/essentials/inc/scss/bootstrap.min.css?ver=6.4.3</a>	18.2KB	307ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3</a>	12.6KB	307ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3</a>	12.3KB	154ms
<a href="https://sonraianalytics.com/wp-content/uploads/elementor/css/post-13366.css?ver=1703346119">https://sonraianalytics.com/wp-content/uploads/elementor/css/post-13366.css?ver=1703346119</a>	2.72KB	154ms
<a href="https://sonraianalytics.com/wp-content/themes/essentials/css/jquery-confirm.min.css?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/css/jquery-confirm.min.css?ver=3.0.1</a>	3.23KB	154ms
<a href="https://sonraianalytics.com/wp-content/uploads/wp-scss-cache/pix-essentials-style-2.css?ver=1700166850">https://sonraianalytics.com/wp-content/uploads/wp-scss-cache/pix-essentials-style-2.css?ver=1700166850</a>	49.0KB	154ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/font-awesome.min.css?ver=4.7.0">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/font-awesome.min.css?ver=4.7.0</a>	6.68KB	154ms
<a href="https://fonts.googleapis.com/css?family=Roboto+Slab%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic&amp;display=auto&amp;ver=6.4.3">https://fonts.googleapis.com/css?family=Roboto+Slab%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C800%2C800italic%2C900%2C900italic&amp;display=auto&amp;ver=6.4.3</a>	1.29KB	784ms
<a href="https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1">https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1</a>	29.1KB	154ms

Low

Avoid large layout shifts CLS

3 elements found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
div.elementor-container > div.pix-base-transition > div.elementor-widget-wrap > div.elementor-element <code>&lt;div class="elementor-element elementor-element-6c0fbdc elementor-widget elementor-wid..." data-id="6c0fbdc" data-element_type="widget" data-widget_type="pix-img.default"&gt;</code>	0.08
drug candidates, novel biomarkers & clinical algorithms with life-saving poten... <code>&lt;span&gt;</code>	0.07
Sonrai unifies your discovery, research, and development data in our state-of-t... <code>&lt;div class="elementor-element elementor-element-728e831d elementor-widget elementor-wi..." data-id="728e831d" data-element_type="widget" data-widget_type="pix-text.default"&gt;</code>	0.01

Low

Avoid long main-thread tasks TBT

8 long tasks found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	422ms	217ms
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	882ms	217ms
• <a href="https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1">https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1</a>	1.8s	147ms
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	2.2s	99ms
• <a href="https://sonraianalytics.com/wp-includes/js/jquery/ui/core.min.js?ver=1.13.2">https://sonraianalytics.com/wp-includes/js/jquery/ui/core.min.js?ver=1.13.2</a>	1.2s	90ms
• <a href="https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/jquery.isotope.js?ver=3.10.0">https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/jquery.isotope.js?ver=3.10.0</a>	1.7s	73ms
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	1.4s	59ms
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	744ms	54ms

Low

### Use a Content Delivery Network (CDN)

1 resource found

CDNs can give an equally fast web experience to your users across the globe.

URL

- [https://px.ads.linkedin.com/collect?v=2&fmt=js&pid=2798529&time=1710240335249&li\\_adslid=e09b7137-9c38-41ed-82d4-29cf9de5b350&url=https%3A%2F%2Fsonraianalytics.com%2F&cookiesTest=true&liSync=true](https://px.ads.linkedin.com/collect?v=2&fmt=js&pid=2798529&time=1710240335249&li_adslid=e09b7137-9c38-41ed-82d4-29cf9de5b350&url=https%3A%2F%2Fsonraianalytics.com%2F&cookiesTest=true&liSync=true)

Low

### Serve images in next-gen formats

Potential savings of 3.28MB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/unmarkedHE.png">https://sonraianalytics.com/wp-content/uploads/2022/09/unmarkedHE.png</a>	0.96MB	875KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/AIDeepLearningHE.png">https://sonraianalytics.com/wp-content/uploads/2022/09/AIDeepLearningHE.png</a>	901KB	799KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/AI-Data-Integration-c.jpg">https://sonraianalytics.com/wp-content/uploads/2022/05/AI-Data-Integration-c.jpg</a>	561KB	458KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/Liquid-Biopsy.png">https://sonraianalytics.com/wp-content/uploads/2022/09/Liquid-Biopsy.png</a>	216KB	196KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/storyboard-pipeline.jpg">https://sonraianalytics.com/wp-content/uploads/2022/09/storyboard-pipeline.jpg</a>	170KB	137KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/CRUK.png">https://sonraianalytics.com/wp-content/uploads/2022/05/CRUK.png</a>	124KB	108KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/6.png">https://sonraianalytics.com/wp-content/uploads/2023/09/6.png</a>	103KB	93.1KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/pca-website.png">https://sonraianalytics.com/wp-content/uploads/2022/09/pca-website.png</a>	112KB	85.3KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/heatmap-website.png">https://sonraianalytics.com/wp-content/uploads/2022/09/heatmap-website.png</a>	139KB	69.6KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/in-vivo-linechart-website-1.png">https://sonraianalytics.com/wp-content/uploads/2022/09/in-vivo-linechart-website-1.png</a>	72.2KB	49.4KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/4-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/4-2.png</a>	59.4KB	48.7KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/volcano-plot-website.png">https://sonraianalytics.com/wp-content/uploads/2022/09/volcano-plot-website.png</a>	79.4KB	41.9KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/1-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/1-2.png</a>	49.9KB	39.7KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/in-vitro-drc-website.png">https://sonraianalytics.com/wp-content/uploads/2022/09/in-vitro-drc-website.png</a>	56.8KB	39.3KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/2-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/2-2.png</a>	48.1KB	38.4KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/QUB-PMC-web.png">https://sonraianalytics.com/wp-content/uploads/2022/05/QUB-PMC-web.png</a>	62.4KB	36.8KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/7.png">https://sonraianalytics.com/wp-content/uploads/2023/09/7.png</a>	41.7KB	34.0KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/NHS-10mm-RGB-Blue.jpg">https://sonraianalytics.com/wp-content/uploads/2022/05/NHS-10mm-RGB-Blue.jpg</a>	37.6KB	33.5KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/5.png">https://sonraianalytics.com/wp-content/uploads/2023/09/5.png</a>	33.1KB	26.4KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/1-1.png">https://sonraianalytics.com/wp-content/uploads/2023/09/1-1.png</a>	33.0KB	24.7KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/2-1.png">https://sonraianalytics.com/wp-content/uploads/2023/09/2-1.png</a>	25.5KB	19.3KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/4-1.png">https://sonraianalytics.com/wp-content/uploads/2023/09/4-1.png</a>	25.1KB	18.4KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/Interactive-Reports.jpg">https://sonraianalytics.com/wp-content/uploads/2022/09/Interactive-Reports.jpg</a>	39.8KB	17.6KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/3-1.png">https://sonraianalytics.com/wp-content/uploads/2023/09/3-1.png</a>	23.5KB	16.5KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/2.png</a>	26.4KB	15.7KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/4.png">https://sonraianalytics.com/wp-content/uploads/2023/09/4.png</a>	23.1KB	14.0KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/1.png">https://sonraianalytics.com/wp-content/uploads/2023/09/1.png</a>	22.8KB	13.9KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/3.png">https://sonraianalytics.com/wp-content/uploads/2023/09/3.png</a>	22.8KB	13.1KB

Low

**Efficiently encode images**

Potential savings of 476KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/AI-Data-Integration-c.jpg">https://sonraianalytics.com/wp-content/uploads/2022/05/AI-Data-Integration-c.jpg</a>	561KB	358KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/09/storyboard-pipeline.jpg">https://sonraianalytics.com/wp-content/uploads/2022/09/storyboard-pipeline.jpg</a>	170KB	90.0KB
<a href="https://sonraianalytics.com/wp-content/uploads/2022/05/NHS-10mm-RGB-Blue.jpg">https://sonraianalytics.com/wp-content/uploads/2022/05/NHS-10mm-RGB-Blue.jpg</a>	37.6KB	28.2KB

Low

**Reduce JavaScript execution time** TBT

675ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.



URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	1.3s	27ms	3ms
• Unattributable	583ms	17ms	0ms
• <a href="https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1">https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1</a>	516ms	362ms	1ms
• <a href="https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1</a>	106ms	71ms	22ms
• <a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/waypoints/waypoints.min.js?ver=4.0.2">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/waypoints/waypoints.min.js?ver=4.0.2</a>	95ms	16ms	0ms
• <a href="https://js.usemessages.com/conversations-embed.js">https://js.usemessages.com/conversations-embed.js</a>	69ms	66ms	1ms
• <a href="https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/includes/js/flickity.pkgd.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/includes/js/flickity.pkgd.min.js?ver=3.0.1</a>	65ms	42ms	0ms
• <a href="https://js.hscollectedforms.net/collectedforms.js">https://js.hscollectedforms.net/collectedforms.js</a>	50ms	38ms	2ms

**Low** Use video formats for animated content LCP Potential savings of 45.5KB

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
• <a href="https://sonraianalytics.com/wp-content/uploads/2022/05/Data-App-Storyboard.gif">https://sonraianalytics.com/wp-content/uploads/2022/05/Data-App-Storyboard.gif</a>	101KB	45.5KB

**Low** Reduce unused CSS FCP LCP Potential savings of 98KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• <a href="https://sonraianalytics.com/wp-content/uploads/wp-scscss-cache/pix-essentials-style-2.css?ver=1700166850">https://sonraianalytics.com/wp-content/uploads/wp-scscss-cache/pix-essentials-style-2.css?ver=1700166850</a>	49.0KB	45.6KB
• <a href="https://sonraianalytics.com/wp-content/themes/essentials/inc/scss/bootstrap.min.css?ver=6.4.3">https://sonraianalytics.com/wp-content/themes/essentials/inc/scss/bootstrap.min.css?ver=6.4.3</a>	18.2KB	16.7KB
• <a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3</a>	12.3KB	12.2KB
• <a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3</a>	12.6KB	12.2KB
• <a href="https://sonraianalytics.com/wp-content/themes/essentials/css/build/pixicon-main/style.min.css?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/css/build/pixicon-main/style.min.css?ver=3.0.1</a>	11.4KB	11.3KB

**Low** Defer offscreen images Potential savings of 335KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/6.png">https://sonraianalytics.com/wp-content/uploads/2023/09/6.png</a>	103KB	103KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/4-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/4-2.png</a>	59.4KB	59.4KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/1-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/1-2.png</a>	49.9KB	49.9KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/2-2.png">https://sonraianalytics.com/wp-content/uploads/2023/09/2-2.png</a>	48.1KB	48.1KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/7.png">https://sonraianalytics.com/wp-content/uploads/2023/09/7.png</a>	41.7KB	41.7KB
<a href="https://sonraianalytics.com/wp-content/uploads/2023/09/5.png">https://sonraianalytics.com/wp-content/uploads/2023/09/5.png</a>	33.1KB	33.1KB

**Low** Avoid non-composited animations CLS 15 animated elements found

Animations which are not composited can be janky and increase CLS.

ELEMENT	NAME
Discover	
<code>&lt;span class="text-primary is-hidden"&gt;</code>	
Unsupported CSS Property: width	slide-in verse-out
Sonrai Analytics © All rights reserved	
<code>&lt;section class="elementor-section elementor-top-section elementor-element elementor-elemen..." data-id="4fa40b95" data-element_type="section" data-settings="{&amp;quot;stretch_section&amp;quot;:&amp;quot;section-stretched&amp;quot;, &amp;quot;background_background&amp;quot;:&amp;quot;classic&amp;quot;, &amp;quot;..." style="width: 1366px; left: 0px;"&gt;</code>	
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: border-top-width	border-top-width
Unsupported CSS Property: border-bottom-color	border-bottom-color
Unsupported CSS Property: border-left-color	border-left-color
Unsupported CSS Property: border-right-color	border-right-color
Unsupported CSS Property: border-top-color	border-top-color
Customer Problems we Solve Use Cases Pricing Onboarding Solutions Biomarker Pla...	
<code>&lt;section class="elementor-section elementor-top-section elementor-element elementor-elemen..." data-id="34e144d4" data-element_type="section" data-settings="{&amp;quot;stretch_section&amp;quot;:&amp;quot;section-stretched&amp;quot;, &amp;quot;background_background&amp;quot;:&amp;quot;classic&amp;quot;}" style="width: 1366px; left: 0px;"&gt;</code>	
Unsupported CSS Property: background-color	background-color
Page dot 1	
<code>&lt;li class="dot is-selected" aria-label="Page dot 1" aria-current="step"&gt;</code>	
Unsupported CSS Property: background-color	background-color
Unsupported CSS Property: width	width
Unsupported CSS Property: visibility	visibility
Cancer Research	
<code>&lt;div class="col-md col-12 -4 scale-sm text-center client2 d-inline-block2 d-inline-fle..."&gt;</code>	
Unsupported CSS Property: visibility	visibility
QUB	
<code>&lt;div class="col-md col-12 -4 scale-sm text-center client2 d-inline-block2 d-inline-fle..."&gt;</code>	
Unsupported CSS Property: visibility	visibility
Roche	
<code>&lt;div class="col-md col-12 -4 scale-sm text-center client2 d-inline-block2 d-inline-fle..."&gt;</code>	
Unsupported CSS Property: visibility	visibility
"The Sonrai Analytics team were exceptionally helpful. Initially, we did not ha...	
<code>&lt;div class="card2 p-3 bg-white rounded-10 shadow-lg shadow-hover-lg fly-sm "&gt;</code>	
Unsupported CSS Property: visibility	visibility
"We have paid for many services in 7 years of business but we have rarely had t...	
<code>&lt;div class="card2 p-3 bg-white rounded-10 shadow-lg shadow-hover-lg fly-sm "&gt;</code>	
Unsupported CSS Property: visibility	visibility
Page dot 2	
<code>&lt;li class="dot" aria-label="Page dot 2"&gt;</code>	
Unsupported CSS Property: visibility	visibility
NHS	
<code>&lt;div class="col-md col-12 -4 scale-sm text-center client2 d-inline-block2 d-inline-fle..."&gt;</code>	
Unsupported CSS Property: visibility	visibility
Product Comparison Table Free Trial Standard Custom	
<code>&lt;div class="sticky-top pix-sticky-top-adjust" style="top: 77px;"&gt;</code>	

## ELEMENT

## NAME

Unsupported CSS Property: top

top

Sonrai Analytics

```
<div class="d-inline-block slide-in-container pix-waiting pix-animate animated" data-anim-type="slide-in-up" style="">
```

Unsupported CSS Property: visibility

slideInUp

Develop

```
<span class="text-blue is-visible">
```

Unsupported CSS Property: width

slide-inverse-out

Discover Develop

```
<span class="pix-words-wrapper" style="width: 189.656px;">
```

Unsupported CSS Property: width

width

Unsupported CSS Property: width

width

Low

Minify JavaScript FCP LCP

Potential savings of 16.5KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/jquery.isotope.js?ver=3.10.0">https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/jquery.isotope.js?ver=3.10.0</a>	24.9KB	13.6KB
<a href="https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/js/happy-addons.min.js?ver=3.10.0">https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/js/happy-addons.min.js?ver=3.10.0</a>	9.25KB	2.95KB

Low

Avoid chaining critical requests FCP LCP

57 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: **1.3s**

## INITIAL NAVIGATION

<a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	35.4KB, 72ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/css/frontend-lite.min.css?ver=3.18.3</a>	12.6KB, 20ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/js/v4-shims.min.js?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/js/v4-shims.min.js?ver=3.18.3</a>	4.13KB, 128ms
<a href="https://sonraianalytics.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0">https://sonraianalytics.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0</a>	33.6KB, 128ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/all.min.css?ver=3.18.3</a>	12.3KB, 32ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/eicons/css/elementor-icons.min.css?ver=5.25.0">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/eicons/css/elementor-icons.min.css?ver=5.25.0</a>	3.79KB, 17ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/font-awesome.min.css?ver=4.7.0">https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/font-awesome.min.css?ver=4.7.0</a>	6.68KB, 119ms
<a href="https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/includes/js/flickity.pkgd.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/includes/js/flickity.pkgd.min.js?ver=3.0.1</a>	12.9KB, 74ms
<a href="https://sonraianalytics.com/wp-content/plugins/complianz-gdpr/assets/css/cookieblocker.min.css?ver=6.5.6">https://sonraianalytics.com/wp-content/plugins/complianz-gdpr/assets/css/cookieblocker.min.css?ver=6.5.6</a>	809B, 6ms
<a href="https://sonraianalytics.com/wp-content/uploads/wp-scss-cache/pix-essentials-style-2.css?ver=1700166850">https://sonraianalytics.com/wp-content/uploads/wp-scss-cache/pix-essentials-style-2.css?ver=1700166850</a>	49.0KB, 140ms
<a href="https://sonraianalytics.com/wp-includes/js/dist/hooks.min.js?ver=c6aec9a8d4e5a5d543a1">https://sonraianalytics.com/wp-includes/js/dist/hooks.min.js?ver=c6aec9a8d4e5a5d543a1</a>	1.66KB, 117ms
<a href="https://sonraianalytics.com/wp-content/uploads/elementor/css/global.css?ver=1703346119">https://sonraianalytics.com/wp-content/uploads/elementor/css/global.css?ver=1703346119</a>	1.98KB, 33ms
<a href="https://sonraianalytics.com/wp-content/plugins/elementor-pro/assets/js/webpack-pro.runtime.min.js?ver=3.13.2">https://sonraianalytics.com/wp-content/plugins/elementor-pro/assets/js/webpack-pro.runtime.min.js?ver=3.13.2</a>	2.47KB, 98ms
<a href="https://sonraianalytics.com/wp-content/uploads/elementor/css/post-13366.css?ver=1703346119">https://sonraianalytics.com/wp-content/uploads/elementor/css/post-13366.css?ver=1703346119</a>	2.72KB, 58ms
<a href="https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/js/global-dividers.js?ver=3.0.1">https://sonraianalytics.com/wp-content/plugins/pixfort-core/functions/elementor/js/global-dividers.js?ver=3.0.1</a>	629B, 74ms
<a href="https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/magnific-popup/magnific-popup.css?ver=3.10.0">https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/magnific-popup/magnific-popup.css?ver=3.10.0</a>	1.78KB, 120ms
<a href="https://sonraianalytics.com/wp-content/themes/essentials/css/build/bootstrap-select.min.css?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/css/build/bootstrap-select.min.css?ver=3.0.1</a>	2.16KB, 87ms
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap.min.js?ver=3.0.1</a>	13.9KB, 73ms
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap-select.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap-select.min.js?ver=3.0.1</a>	15.2KB, 78ms

<https://sonraianalytics.com/wp-includes/js/imagesloaded.min.js?ver=5.0.0> 1.86KB, 93ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/js/frontend.min.js?ver=3.18.3> 11.8KB, 121ms

<https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1> 48.1KB, 136ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/magnific-popup/jquery.magnific-popup.min.js?ver=3.10.0> 7.08KB, 87ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/js/webpack.runtime.min.js?ver=3.18.3> 2.23KB, 99ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/jquery.isotope.js?ver=3.10.0> 24.9KB, 94ms

<https://sonraianalytics.com/wp-content/themes/essentials/inc/scss/bootstrap.min.css?ver=6.4.3> 18.2KB, 21ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/swiper/css/swiper.min.css?ver=5.3.6> 2.32KB, 24ms

<https://sonraianalytics.com/wp-content/uploads/happyaddons/css/ha-13366.css?ver=3.10.0.1700429864> 1.53KB, 128ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/twentytwenty/js/jquery.event.move.js?ver=3.10.0> 4.19KB, 94ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/font-awesome/css/v4-shims.min.css?ver=3.18.3> 4.06KB, 32ms

<https://sonraianalytics.com/wp-content/themes/essentials/css/build/flickity.min.css?ver=3.0.1> 757B, 59ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/animations/animations.min.css?ver=3.18.3> 2.57KB, 74ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/js/frontend-modules.min.js?ver=3.18.3> 16.2KB, 100ms

<https://sonraianalytics.com/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.14.0> 2.55KB, 101ms

<https://sonraianalytics.com/wp-includes/js/jquery/ui/core.min.js?ver=1.13.2> 6.83KB, 78ms

<https://js.hs-scripts.com/7805246.js?integration=WordPress&ver=10.2.23> 1.22KB, 214ms

<https://sonraianalytics.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 29.1KB, 133ms

<https://sonraianalytics.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2> 2.46KB, 106ms

<https://sonraianalytics.com/wp-content/uploads/elementor/css/post-7.css?ver=1703346118> 538B, 24ms

<https://sonraianalytics.com/wp-content/themes/essentials/js/build/popper.min.js?ver=3.0.1> 7.24KB, 73ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/twentytwenty/js/jquery.twentytwenty.js?ver=3.10.0> 1.47KB, 95ms

<https://sonraianalytics.com/wp-content/plugins/elementor-pro/assets/css/frontend-lite.min.css?ver=3.13.2> 1.60KB, 23ms

<https://sonraianalytics.com/wp-content/plugins/elementor-pro/assets/js/elements-handlers.min.js?ver=3.13.2> 6.53KB, 122ms

<https://sonraianalytics.com/wp-content/plugins/elementor-pro/assets/js/frontend.min.js?ver=3.13.2> 6.37KB, 119ms

<https://sonraianalytics.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1> 4.78KB, 131ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/fonts/style.min.css?ver=3.10.0> 4.95KB, 89ms

<https://sonraianalytics.com/wp-content/plugins/elementor/assets/lib/waypoints/waypoints.min.js?ver=4.0.2> 2.99KB, 120ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/vendor/twentytwenty/css/twentytwenty.css?ver=3.10.0> 1.19KB, 127ms

<https://sonraianalytics.com/wp-content/themes/essentials/css/jquery-confirm.min.css?ver=3.0.1> 3.23KB, 62ms

<https://sonraianalytics.com/wp-content/uploads/elementor/css/post-20749.css?ver=1703346119> 728B, 9ms

<https://fonts.googleapis.com/css?family=Roboto+Slab%3A100%2C100italic%2C200%2C200italic%2C300%2C300italic%2C400%2C400italic%2C500%2C500italic%2C600%2C600italic%2C700%2C700italic%2C> 1.29KB, 172ms

<https://sonraianalytics.com/wp-content/plugins/happy-elementor-addons/assets/js/happy-addons.min.js?ver=3.10.0> 9.25KB, 97ms

<https://sonraianalytics.com/wp-includes/js/dist/i18n.min.js?ver=7701b0c3857f914212ef> 3.69KB, 118ms

<https://sonraianalytics.com/wp-content/themes/essentials/css/build/pixicon-main/style.min.css?ver=3.0.1> 11.4KB, 87ms

<https://sonraianalytics.com/wp-content/themes/essentials/css/build/pixicon-main/fonts/pixicon.ttf?6geuic> 604KB, 19ms

<https://fonts.googleapis.com/css?family=Poppins%3A400%2C700&display=swap&ver=6.4.3> 503B, 72ms

<https://fonts.gstatic.com/s/poppins/v20/pxiEyp8kv8JHgFVrJJfecg.woff2> 7.81KB, 105ms

<https://fonts.gstatic.com/s/poppins/v20/pxiByp8kv8JHgFVrLCz7Z1xIFQ.woff2> 7.75KB, 101ms

<https://fonts.googleapis.com/css?family=Roboto%3A400%2C700&display=swap&ver=6.4.3> 767B, 13ms

<https://fonts.gstatic.com/s/roboto/v30/KFOmCnqEu92Fr1Mu4mxK.woff2> 15.5KB, 99ms

<https://fonts.gstatic.com/s/roboto/v30/KFOICnqEu92Fr1MmWUlfBbc4.woff2> 16.0KB, 89ms

Low

**Reduce unused JavaScript** LCP

Potential savings of 32.3KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1</a>	48.1KB	32.3KB
...	48.1KB	32.3KB

**Largest Contentful Paint element** LCP

710 ms

This is the largest contentful element painted within the viewport.

ELEMENT

We help Discover Develop drug candidates, novel biomarkers & clinical algorithm...

```
<h1 class="pix-headline my-3 display-4 slide-inverse text-heading-default font-weight..." style="">
```

PHASE	% OF LCP	TIMING
TTFB	9%	60ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	91%	644ms

**Reduce initial server response time** FCP LCP

Root document took 4ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
• <a href="https://sonraianalytics.com/">https://sonraianalytics.com/</a>	4ms

**Avoid serving legacy JavaScript to modern browsers** TBT

Potential savings of 13.8KB

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

URL	POTENTIAL SAVINGS
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap-select.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/build/bootstrap-select.min.js?ver=3.0.1</a> Line:7 Column:3847	7.26KB
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/essentials.min.js?ver=3.0.1</a> Line:0 Column:9536	6.31KB
Line:0 Column:19228	
<a href="https://snap.licdn.com/li.lms-analytics/insight.min.js">https://snap.licdn.com/li.lms-analytics/insight.min.js</a> Line:0 Column:680	59B
<a href="https://snap.licdn.com/li.lms-analytics/insight.min.js">https://snap.licdn.com/li.lms-analytics/insight.min.js</a> Line:0 Column:680	59B
<a href="https://sonraianalytics.com/wp-content/themes/essentials/js/build/popper.min.js?ver=3.0.1">https://sonraianalytics.com/wp-content/themes/essentials/js/build/popper.min.js?ver=3.0.1</a> Line:3 Column:12570	58B
<a href="https://sonraianalytics.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2">https://sonraianalytics.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2</a> Line:0 Column:452	51B

N/A

**Minimize main-thread work** TBT

Main-thread busy for 3.2s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	1.2s
Script Evaluation	873ms
Style & Layout	760ms
Parse HTML & CSS	148ms
Rendering	128ms
Script Parsing & Compilation	64ms
Garbage Collection	36ms

N/A

**User Timing marks and measures**

6 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences.

NAME	TYPE	START TIME	DURATION
embed-script-load-time-pre-delay	Measure	1.5s	826ms
embed-script-load-time-post-delay	Measure	2.3s	945ms
embed-script-start-pre-delay	Mark	1.5s	0ms
embed-script-end-pre-delay	Mark	2.3s	0ms
embed-script-start-post-delay	Mark	2.3s	0ms
embed-script-end-post-delay	Mark	3.3s	0ms

N/A

Reduce the impact of third-party code TBT

Total size was 525KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
<b>HSAPPSTATIC.NET</b>	326KB	0ms
• <a href="https://static.hsappstatic.net/conversations-visitor-ui/static-1.18127/bundles/visitor.js">https://static.hsappstatic.net/conversations-visitor-ui/static-1.18127/bundles/visitor.js</a>	210KB	0ms
• <a href="https://static.hsappstatic.net/hubspot-dlb/static-1.522/bundle.production.js">https://static.hsappstatic.net/hubspot-dlb/static-1.522/bundle.production.js</a>	94.1KB	0ms
• <a href="https://static.hsappstatic.net/head-dlb/static-1.567/bundle.production.js">https://static.hsappstatic.net/head-dlb/static-1.567/bundle.production.js</a>	16.7KB	0ms
<b>HUBSPOT</b>	102KB	0ms
• <a href="https://js.hscollectedforms.net/collectedforms.js">https://js.hscollectedforms.net/collectedforms.js</a>	25.2KB	0ms
• <a href="https://js.hs-banner.com/v2/7805246/banner.js">https://js.hs-banner.com/v2/7805246/banner.js</a>	23.4KB	0ms
• <a href="https://js.hs-analytics.net/analytics/1710240300000/7805246.js">https://js.hs-analytics.net/analytics/1710240300000/7805246.js</a>	21.1KB	0ms
• <a href="https://app.hubspot.com/conversations-visitor/7805246/threads/utk/fa2a6c6d4a4246f7acaaa8711d9c3e3d?uuid=d61c85f6bdbc40ef9dc2b07be858157a&amp;mobile=false&amp;mobileSafari=false&amp;hideWelcomeMessage=false&amp;hstc=&amp;domain=sonraianalytics.com&amp;inApp53=false&amp;messagesUtk=fa2a6c6d4a4246f7acaaa8711d9c3e3d&amp;url=https%3A%2F%2Fsonraianalytics.com%2F&amp;inline=false&amp;isFullscreen=false&amp;globalCookieOptOut=&amp;isFirstVisitorSession=true&amp;isAttachmentDisabled=false&amp;isInitialInputFocusDisabled=false&amp;enableWidgetCookieBanner=false&amp;isInCMS=false">https://app.hubspot.com/conversations-visitor/7805246/threads/utk/fa2a6c6d4a4246f7acaaa8711d9c3e3d?uuid=d61c85f6bdbc40ef9dc2b07be858157a&amp;mobile=false&amp;mobileSafari=false&amp;hideWelcomeMessage=false&amp;hstc=&amp;domain=sonraianalytics.com&amp;inApp53=false&amp;messagesUtk=fa2a6c6d4a4246f7acaaa8711d9c3e3d&amp;url=https%3A%2F%2Fsonraianalytics.com%2F&amp;inline=false&amp;isFullscreen=false&amp;globalCookieOptOut=&amp;isFirstVisitorSession=true&amp;isAttachmentDisabled=false&amp;isInitialInputFocusDisabled=false&amp;enableWidgetCookieBanner=false&amp;isInCMS=false</a>	19.9KB	0ms
• Other resources	12.1KB	0ms
<b>GOOGLE FONTS</b>	49.6KB	0ms
• <a href="https://fonts.gstatic.com/s/roboto/v30/KFOICnqEu92Fr1MmWUlfBBc4.woff2">https://fonts.gstatic.com/s/roboto/v30/KFOICnqEu92Fr1MmWUlfBBc4.woff2</a>	16.0KB	0ms
• <a href="https://fonts.gstatic.com/s/roboto/v30/KFOmCnqEu92Fr1Mu4mxK.woff2">https://fonts.gstatic.com/s/roboto/v30/KFOmCnqEu92Fr1Mu4mxK.woff2</a>	15.5KB	0ms
• <a href="https://fonts.gstatic.com/s/poppins/v20/pxiEyp8kv8JHgFVrJJfecg.woff2">https://fonts.gstatic.com/s/poppins/v20/pxiEyp8kv8JHgFVrJJfecg.woff2</a>	7.81KB	0ms
• <a href="https://fonts.gstatic.com/s/poppins/v20/pxiByp8kv8JHgFVrLCz7Z1xIFQ.woff2">https://fonts.gstatic.com/s/poppins/v20/pxiByp8kv8JHgFVrLCz7Z1xIFQ.woff2</a>	7.75KB	0ms
<b>USEMESSAGES.COM</b>	24.7KB	0ms
• <a href="https://js.usemessages.com/conversations-embed.js">https://js.usemessages.com/conversations-embed.js</a>	24.7KB	0ms
<b>LINKEDIN ADS</b>	20.2KB	0ms
• <a href="https://snap.licdn.com/li.lms-analytics/insight.min.js">https://snap.licdn.com/li.lms-analytics/insight.min.js</a>	17.1KB	0ms
<b>HUBSPOTUSERCONTENT-NA1.NET</b>	1.86KB	0ms
<b>HUBAPI.COM</b>	1.02KB	0ms