SEO Site Checkup

https://oppilotech.com/

Report generated on Mar 12, 2024

SEO Score
67/100
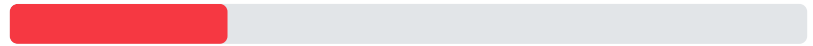
20 Failed

2 Warnings

51 Passed

Common SEO issues

7 Failed   **0** Warnings   **18** Passed

✅ **Meta Title Test**

This webpage is using a title tag.

> **Text:** Home - Navigating Biology, Discovering Drugs
> **Length:** 44 characters

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❌ Meta Description Test

This webpage is not using a meta description tag! You should include this tag in order to provide a brief description of your page which can be used by search engines. Well-written and inviting meta descriptions may also help click-through rates to your site in search engine results.

How to pass this test?

In order to pass this test you must include a meta-description tag in your page header (**<head>** section):

```
<head>
    <meta name="description" content="type_your_description_here">
</head>
```

Note that in HTML the **<meta>** tag has no end tag but in XHTML this tag must be properly closed.

Meta description can have any length but a good practice is to keep this under 160 characters (search engines generally truncate snippets longer than this value).

◉ Google Search Results Preview Test

Desktop version

https://oppilotech.com/
Home - Navigating Biology, Discovering Drugs

Mobile version

https://oppilotech.com/
Home - Navigating Biology, Discovering Drugs

✅ Social Media Meta Tags Test

This webpage is using social media meta tags.

Open Graph Meta Tags	
og:locale	en_GB
og:type	website
og:title	Home - Navigating Biology, Discovering Drugs
og:url	https://oppilotech.com/
og:site_name	Navigating Biology, Discovering Drugs

Twitter Card Meta Tags	
twitter:card	summary_large_image
twitter:label1	Estimated reading time
twitter:data1	4 minutes

◎ Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

| 8 oppilotech | 5 modelling | 4 services | 4 biology | 4 computational |

❌ Keywords Usage Test

The most common keywords of this webpage are not distributed across the important HTML tags! Primary keywords should appear in title tag, meta description and heading tags to help Search Engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
oppilotech	❌	❌	❌
modelling	❌	❌	❌
services	❌	❌	❌
biology	✓	❌	✓
computational	❌	❌	❌

◎ Keywords Cloud Test

2 accurately	1 action	1 applying	1 based	1 believe	2 biochemical	3 biological

2 accurately | 1 action | 1 applying | 1 based | 1 believe | 2 biochemical | 3 biological
4 biology | 1 breakthrough | 1 cells | 2 class | 1 close | 1 compound | 4 computational
1 contact | 1 creative | 2 critical | 1 delivering | 1 develop | 1 developed | 1 developing
1 discovering | 1 discovery | 3 diseases | 4 drug | 2 drugs | 1 exploit | 2 follow
1 fundamentally | 1 hall | 2 have | 3 high | 1 home | 1 identifying | 1 impact | 3 insights
1 leading | 2 learning | 2 machine | 1 meaningful | 1 medicines | 1 mode | 1 model
5 modelling | 1 navigating | 1 news | 8 oppilotech | 1 partners | 1 pathway | 1 pinterest
1 pipeline | 3 platform | 2 policy | 2 predictive | 2 privacy | 1 process | 2 processes
1 programmes | 1 provide | 2 provides | 1 reserved | 3 resolution | 1 right | 1 rights
1 selecting | 1 selection | 4 services | 1 simulate | 1 simulates | 1 success | 2 systems
3 target | 2 targets | 1 technology | 2 terms | 3 treating | 1 understanding | 2 unique
1 unknown | 1 unlocking | 2 using | 1 viable | 3 website | 1 world

◎ Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- ajay mistry
- bioequity

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◎ Competitor Domains Test

There are no indexed competitors for this domain!

✅ Heading Tags Test

This webpage contains headings tags.

H1 tags
Navigating Biology,
Discovering Drugs

✅ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

https://oppilotech.com/robots.txt

✅ Sitemap Test

This website has a sitemap file.

https://oppilotech.com/sitemap_index.xml

✅ SEO Friendly URL Test

All links from this webpage are SEO friendly.

❌ Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

How to pass this test?

In order to pass this test you must add an **alt** attribute to every **<img>** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```
<img src="image.png" alt="text_to_describe_your_image">
```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about optimizing images for SEO.

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❌ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

✅ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.

❌ Inline CSS Test

This webpage is using inline CSS styles!

How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes

- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

For example:

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```

✅ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.

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❌ Google Analytics Test

A Google Analytics script is not detected on this page. While there are several tools available to monitor your site's visitors and traffic sources, Google Analytics is a free, commonly recommended program to help diagnose potential SEO issues.

How to pass this test?

In order to pass this test you must create an account on Google Analytics site and insert into your page a small javascript tracking code.

Example:

```
<!-- Google Analytics -->
<script>
(function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){
(i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','//www.google-analytics.com/analytics.js','ga');

ga('create', 'UA-XXXX-Y', 'auto');
ga('send', 'pageview');

</script>
<!-- End Google Analytics -->
```

Note that you have to change the 'UA-XXXX-Y' with the proper id which you'll find in your analytics account.

✅ Favicon Test

This website appears to have a favicon.

◉ Backlinks Test

This domain has an Authority Score of **5/100** while the **Average Authority Score** of top 100 sites is **89.5**. Also, this domain has **184 backlinks** from **70 referring domains** and some recently found backlinks are listed below:

MAR 9, 2024	https://mindmaps.abcc-platform.org.uk/firms/110159
MAR 7, 2024	https://www.sciuscommunications.com/news-and-events/client-news/
MAR 3, 2024	https://ukbaa.3mil-demo.co.uk/events/data-accelerator-demo-day/
FEB 8, 2024	https://www.chalukou.top/images/search?FORM=RESTAB&q=Innovate%2BUK%2BLogo
JAN 26, 2024	https://daisye.pages.dev/02/CXMPqJtbVR
JAN 4, 2024	https://mindmaps.ai-ecosystem.org/map/firms/193873/
DEC 24, 2023	https://www.welpmagazine.com/top-genetics-companies-and-startups-in-the-uk/
DEC 19, 2023	https://www.canadianinsider.com/oppilotech-and-evariste-technologies-announce-partnership-t...
DEC 19, 2023	https://www.canadianinsider.com/oppilotech-and-evariste-technologies-announce-partnership-t...
DEC 15, 2023	https://www.windowssearch-exp.com/images/search?FORM=IRFLTR&q=Dr.%2BJohn%2BGeorge&...

✅ JS Error Test

There are no severe JavaScript errors on this webpage.

✅ Console Errors Test

This webpage doesn't have any warnings or errors caught by the Chrome DevTools Console.

✅ Charset Declaration Test

This webpage has a character encoding declaration.

> *Content-Type: text/html; charset=UTF-8*

✅ Social Media Test

This webpage is connected successfully with social media using:
Twitter

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Speed optimizations

11 Failed   **1** Warnings   **13** Passed

✅ HTML Page Size Test

The size of this webpage's HTML is **27.53 Kb** and is under the average webpage's HTML size of **33 Kb**. Faster loading websites result in a better user experience, higher conversion rates, and generally better search engine rankings.

✅ DOM Size Test

The Document Object Model (DOM) of this webpage has **331 nodes** which is less than the recommended value of 1,500 nodes.

✅ HTML Compression/GZIP Test

This webpage is successfully compressed using **br compression** on your code. The HTML code is compressed from **163.18 Kb** to **27.53 Kb** (**83% size savings**). This helps ensure a faster loading webpage and improved user experience.

❌ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **5.46 seconds** and is greater than the average loading speed which is **5 seconds**!

How to pass this test?

In order to resolve this problem you are advised to:

- Minimize HTTP requests
- Use Gzip compression
- Use HTTP caching
- Move all CSS style rules into a single, external and minified CSS file
- Minify all JS files and, if possible, try combining them into a single external JS file
- Include external CSS files before external JS files
- Place your JS scripts at the bottom of your page
- Optimize images
- Reduce redirects
- Reduce the number of plug-ins

✅ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.

⊗ Page Objects Test

This webpage is using more than **20 http requests**, which can slow down page loading and negatively impact user experience!

Content size by content type

Content type	Percent	Size
Image	67.6 %	774.96 Kb
Font	15.7 %	180.39 Kb
Javascript	10.9 %	125.03 Kb
Css	3.5 %	40.24 Kb
Html	2.2 %	25.68 Kb
Other	0.0 %	0 B
TOTAL	100%	1.12 Mb

Requests by content type

Content type	Percent	Requests
Image	41.5 %	22
Css	22.6 %	12
Javascript	18.9 %	10
Font	15.1 %	8
Html	1.9 %	1
Other	0.0 %	0
TOTAL	100%	53

Content size by domain

Domain	Percent	Size
oppilotech.com	84.0 %	962.58 Kb
fonts.gstatic.com	15.2 %	174.54 Kb
cdn.jsdelivr.net	0.6 %	6.64 Kb

fonts.googleapis.com	0.2 %	2.54 Kb
TOTAL	**100%**	**1.12 Mb**

Requests by domain

Domain	Percent	Requests
oppilotech.com	81.1 %	43
fonts.gstatic.com	13.2 %	7
fonts.googleapis.com	3.8 %	2
cdn.jsdelivr.net	1.9 %	1
TOTAL	**100%**	**53**

✅ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. Caching helps speed page loading times as well as reduces server load.

✅ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

⚠️ CDN Usage Test

This webpage is not serving all resources (images, javascript and css) from CDNs!

How to pass this test?

In order to pass this test you are advised to use a CDN service. A Content Delivery Network (CDN) is a globally distributed network of web servers that allows a quick transfer of assets and provides high availability and high performance. The primary benefits of using a CDN service are:

- Improving website loading times
- Reducing bandwidth costs
- Increasing content availability and redundancy
- Improving website security

❌ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as JPEG 2000, JPEG XR or WebP.

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find here a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->
<img src="image.jpg" alt="">

<!--After:-->
<picture>
    <source type="image/webp" srcset="image.webp">
    <img src="image.jpg" alt="">
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.

❌ Image Metadata Test

This webpage is using images with large metadata (**more than 16% of the image size**)! Stripping out unnecessary metadata tags can improve not only the loading time but also the security and privacy of a webpage.

How to pass this test?

In order to pass this test, you have to remove the unnecessary image metadata (additional information which is stored along with the image). There are literally hundreds of metadata tags, but most of them (like camera model and settings, exposure, creation date, etc) are useless to site visitors and isn't required by browsers to render images. However, a few metadata tags can still be useful and may help Search Engine bots to better understand your images:

- **GPS tags** - These define where the image was taken providing location information that might help with local SEO. If you have a location-based business, tag your image with the GPS coordinates of your premises.

- **Author/Owner Name** - Add your brand name (or your own name) here because it may influence the image being shown when someone searches your brand in Google Images.

- **Image Description** - Just like an ALT description, the image description metadata tag can provide information pertaining to what the content of the image is about.

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❌ Image Caching Test

This website is not using cache headers for images. Setting cache headers can help speed up the serving of a webpage for returning users. Learn more about how to add expires headers to your images.

How to pass this test?

In order to reduce the number of HTTP requests, you can use the HTTP Expires header to set an expiration time for your images or any other content type. You can add the following lines into your **.htaccess** file:

```
<IfModule mod_expires.c>
   ExpiresActive on

   ExpiresByType image/jpg "access plus 1 month"
   ExpiresByType image/jpeg "access plus 1 month"
   ExpiresByType image/gif "access plus 1 month"
   ExpiresByType image/png "access plus 1 month"
</IfModule>
```

❌ JavaScript Caching Test

This webpage is not using cache headers for JavaScript resources! Setting cache headers can help to speed up the webpage for returning users.

How to pass this test?

In order to reduce the number of HTTP requests, you can use the HTTP Expires header to set an expiration time for your JavaScript resources or any other content type. You can add the following lines into your **.htaccess** file:

```
<IfModule mod_expires.c>
   ExpiresActive on

   ExpiresByType text/javascript "access plus 1 month"
   ExpiresByType application/javascript "access plus 1 month"
</IfModule>
```

❌ CSS Caching Test

This webpage is not using cache headers for CSS resources! Setting cache headers can help to speed up the webpage for returning users.

How to pass this test?

In order to reduce the number of HTTP requests, you can use the HTTP Expires header to set an expiration time for your CSS resources or any other content type. You can add the following lines into your **.htaccess** file:

```
<IfModule mod_expires.c>
   ExpiresActive on

   ExpiresByType text/css "access plus 1 month"
</IfModule>
```

✅ JavaScript Minification Test

All JavaScript files used by this webpage are minified.

✅ CSS Minification Test

All CSS resources used by this webpage are minified.

❌ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the Chrome DevTools (Coverage tab) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document

- inline critical CSS required for the first paint inside a style block in the head of the HTML document

- move the script and link tags at the end of the HTML document

- add async or defer attributes to non-critical script or link tags

- split CSS styles into different files, organized by media query

- compress and minify your text-based resources

✅ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

✅ Frameset Test

This webpage does not use frames.

✅ Doctype Test

This webpage has a doctype declaration.

> *<!DOCTYPE html>*

✅ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).

❌ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is **4.17** seconds. To provide a good user experience, Google recommends that sites should strive to have Largest Contentful Paint of **2.5** seconds or less.

> **Largest Contentful Paint element within the viewport:**
>
> **Text:** *Oppilotech simulate biology using our unique predictive computational modelling ...*
> **Html:**
> *Oppilotech simulate biology using our unique predictive computational modelling platform, which provides new, high resolution insights into treating diseases.*

How to pass this test?

The reason Google chose LCP as a relevant SEO metric is that it directly influences user experience. The loading of the biggest element on a page determines how quickly the user will be able to view its contents and interact with it. For most websites, you can improve the Largest Contentful Paint by sticking to a few guiding principles:

- Try to reduce the server response time.

- Eliminate as many render-blocking resources (CSS and JavaScript) as possible.

- Optimize the loading times for resources on the webpage.

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✅ Cumulative Layout Shift Test

The CLS score of this webpage is **0.0425**. To provide a good user experience, Google recommends that sites should strive to have a CLS score of **0.1** or less.

> **DOM element which contributes the most to CLS score:**
>
> **Html:** *<canvas class="particles-js-canvas-el" width="1920" height="1080" style="width: 100%; height: 100%;">*
> **Score:** 0.0422

Server and security

2 Failed   **0** Warnings   **8** Passed

✅ URL Canonicalization Test

https://oppilotech.com/ and https://www.oppilotech.com/ resolve to the same URL.

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✅ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✅ The certificate is not used before the activation date.
- ✅ The certificate has not expired.
- ✅ The hostname "oppilotech.com" is correctly listed in the certificate.
- ✅ The certificate should be trusted by all major web browsers.
- ✅ The certificate was not revoked.
- ✅ The certificate was signed with a secure hash.

Certificate Chain:

Server certificate	
Common Name	oppilotech.com
Subject Alternative Names (SANs)	oppilotech.com, www.oppilotech.com
Not Valid Before	Mon, January 15th 2024, 10:30:18 am (UTC)
Not Valid After	Sat, February 15th 2025, 10:30:18 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Go Daddy Secure Certificate Authority - G2

Intermediate certificate	
Common Name	Go Daddy Secure Certificate Authority - G2
Organization	GoDaddy.com, Inc.
Location	Scottsdale, Arizona, US
Not Valid Before	Tue, May 3rd 2011, 7:00:00 am (UTC)
Not Valid After	Sat, May 3rd 2031, 7:00:00 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Go Daddy Root Certificate Authority - G2

Root certificate	
Common Name	Go Daddy Root Certificate Authority - G2
Organization	GoDaddy.com, Inc.

Location	Scottsdale, Arizona, US
Not Valid Before	Tue, September 1st 2009, 12:00:00 am (UTC)
Not Valid After	Thu, December 31st 2037, 11:59:59 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	Go Daddy Root Certificate Authority - G2

✅ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

✅ HTTP2 Test

This webpage is using the HTTP/2 protocol.

✅ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

✅ Server Signature Test

The server signature is off for this webpage.

✅ Directory Browsing Test

Directory browsing is disabled for this website.

✅ Plaintext Emails Test

This webpage does not include email addresses in plaintext.

✖ Unsafe Cross-Origin Links Test

This webpage is using **target="_blank"** links without **rel="noopener"** or **rel="noreferrer"** attribute, which can expose it to performance and security issues!

How to pass this test?

In order to pass this test, you have to update each link identified in this report, by adding a **rel="noopener"** or a **rel="noreferrer"** attribute or both:

```
<a href="https://example.com" target="_blank" rel="noopener noreferrer">
    Click here
</a>
```

- **rel="noopener"** prevents the new page from being able to access the **window.opener** property and ensures it runs in a separate process.

- **rel="noreferrer"** has the same effect but also prevents the **Referer header** from being sent to the new page.

Mobile usability   **0** Failed   **0** Warnings   **3** Passed

✔ Meta Viewport Test
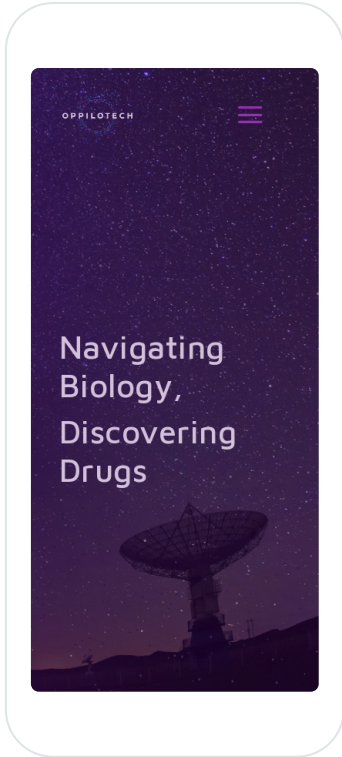
This webpage is using a viewport meta tag.

```
<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=0" />
```

✔ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.

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◎ Mobile Snapshot Test

Advanced SEO   **0** Failed   **1** Warnings   **9** Passed

✅ Structured Data Test

This webpage is using structured data.

✅ Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially track the source of broken links.

✅ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.

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✅ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: https://oppilotech.com/ is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

> *<link href="https://oppilotech.com/" rel="canonical"/>*

◎ Nofollow Tag Test

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

◎ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

✅ Meta Refresh Test

This webpage is not using a meta refresh tag.

✅ SPF Records Test

This DNS server is using an SPF record.

> *v=spf1 include:spf.protection.outlook.com -all*

⚠️ Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.