



Performance Report for:

https://www.tesla.com/

Report generated: Sun, Oct 20, 2024 6:48 PM -0700

Test Server Location:  Vancouver, Canada

Using:  Chrome 117.0.0.0, Lighthouse 11.0.0

F

Performance

26%

Structure

77%

L. Contentful Paint

3.4s

T. Blocking Time

975ms

C. Layout Shift

0.35

Top Issues

High	Avoid enormous network payloads	Total size was 16.8MB
Med-High	Avoid an excessive DOM size	3,036 elements
Med	Use explicit width and height on image elements	17 images found
Med	Serve static assets with an efficient cache policy	Potential savings of 1.58MB
Med	Avoid large layout shifts	5 elements found

Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

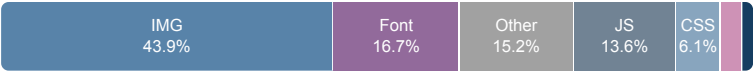
Page Details



Total Page Size - 15.6MB



Total Page Requests - 66



How does this affect me?

Modern web users have a short attention span and expect a fast and seamless website experience. Delivering that fast experience can result in more traffic, more conversions, and more happiness.

As if you didn't need more incentive, Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.

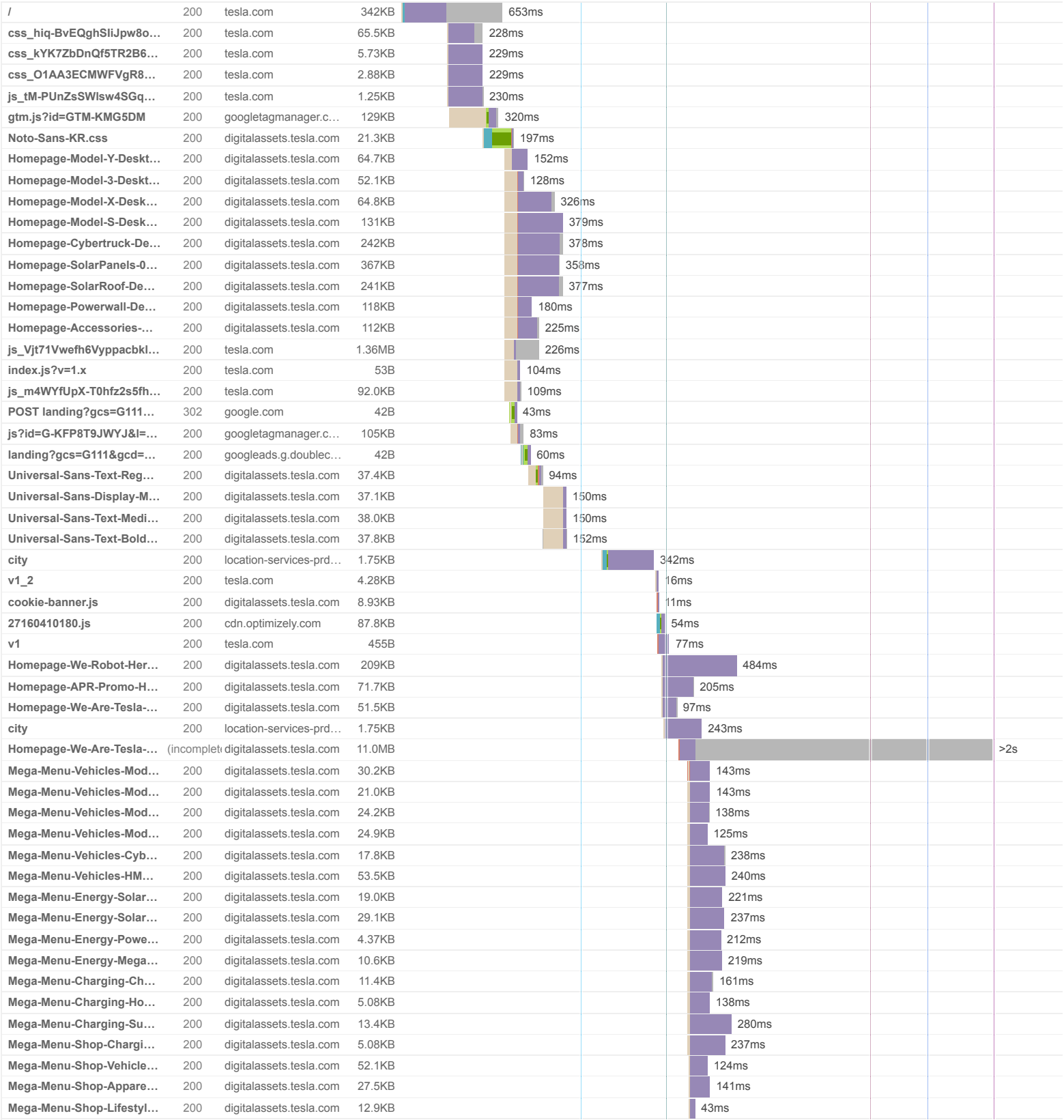
About GTmetrix

GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

[Learn more about us.](#)

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.

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Noto-Sans-Hebrew.woff2	200	digitalassets.tesla.com	16.2KB			<div><div></div></div>	346ms			
Noto-Sans-Arabic.woff2	200	digitalassets.tesla.com	67.5KB			<div><div></div></div>	345ms			
Noto-Sans-Thai.woff2	200	digitalassets.tesla.com	25.7KB			<div><div></div></div>	296ms			
PbykFmXiEBPT4ITbgNA5...	200	fonts.gstatic.com	14.2KB			<div><div></div></div>	324ms			
PbykFmXiEBPT4ITbgNA5...	200	fonts.gstatic.com	13.9KB			<div><div></div></div>	339ms			
PbykFmXiEBPT4ITbgNA5...	200	fonts.gstatic.com	15.6KB			<div><div></div></div>	338ms			
Noto-Sans-Greek.woff2	200	digitalassets.tesla.com	23.0KB			<div><div></div></div>	271ms			
geo4.js	200	cdn3.optimizely.com	322B			<div><div></div></div>	123ms			
a27160410180.html	200	a27160410180.cdn....	769B			<div><div></div></div>	125ms			
manifest.json	200	tesla.com	291B			<div><div></div></div>	75ms			
favicon.ico	200	tesla.com	902B			<div><div></div></div>			14ms	
POST events	204	logx.optimizely.com	385B			<div><div></div></div>			88ms	
apple-touch-icon-144x144...	200	tesla.com	6.52KB			<div><div></div></div>			24ms	
66 Requests	15.6MB	(21.6MB Uncompressed)	Fully Loaded 3.8s (Onload 3s)							



Performance Metrics

First Contentful Paint How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.	OK, but consider improvement 1.2s	Time to Interactive How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Longer than recommended 3.8s
Speed Index How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	Much longer than recommended 3.3s	Total Blocking Time How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Much longer than recommended 975ms
Largest Contentful Paint How long it takes for the largest element of content (i.e., a hero image) to be painted on your page. A good user experience is 1.2s or less.	Much longer than recommended 3.4s	Cumulative Layout Shift How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.	Much more than recommended 0.35

Browser Timings

Redirect	0ms	Connect	23ms	Backend	269ms
TTFB	292ms	First Paint	1.2s	DOM Int.	1.6s
DOM Loaded	1.7s	Onload	3.0s	Fully Loaded	3.8s

IMPACT	AUDIT	
High	Avoid enormous network payloads <small>LCP</small>	Total size was 16.8MB
Med-High	Avoid an excessive DOM size <small>TBT</small>	3,036 elements
Med	Use explicit width and height on image elements <small>CLS</small>	17 images found
Med	Serve static assets with an efficient cache policy	Potential savings of 1.58MB
Med	Avoid large layout shifts <small>CLS</small>	5 elements found
Med-Low	Avoid long main-thread tasks <small>TBT</small>	20 long tasks found
Low	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 147ms
Low	Avoid chaining critical requests <small>FCP LCP</small>	18 chains found
Low	Allow back/forward cache restoration	1 failure reason
Low	Reduce JavaScript execution time <small>TBT</small>	841ms spent executing JavaScript
Low	Ensure text remains visible during webfont load <small>FCP LCP</small>	4 fonts found
Low	Minify CSS <small>FCP LCP</small>	Potential savings of 2.50KB
Low	Reduce unused JavaScript <small>LCP</small>	Potential savings of 427KB
Low	Reduce initial server response time <small>FCP LCP</small>	Root document took 268ms
Low	Reduce unused CSS <small>FCP LCP</small>	Potential savings of 74.1KB
Low	Serve images in next-gen formats	Potential savings of 9.37KB
Low	Properly size images	Potential savings of 1.69MB
Low	Avoid non-composited animations <small>CLS</small>	15 animated elements found
Low	Defer offscreen images	Potential savings of 1.54MB
N/A	Minimize main-thread work <small>TBT</small>	Main-thread busy for 3.3s
N/A	User Timing marks and measures	2 user timings
N/A	Largest Contentful Paint element <small>LCP</small>	3,390 ms
N/A	Reduce the impact of third-party code <small>TBT</small>	Total size was 372KB

N/A

Avoid serving legacy JavaScript to modern browsers TBT

Potential savings of 98B