https://catalog.libraries.psu.edu/

84	83	93	80	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

0–49	50–89	90–100

84

Performance

Metrics

First Contentful Paint	2.6 s	First Meaningful Paint	2.6 s
Speed Index	2.6 s	First CPU Idle	4.7 s
Time to Interactive	4.9 s	Max Potential First Input Delay	160 ms

[View Trace]

Values are estimated and may vary. The performance score is based only on these metrics.
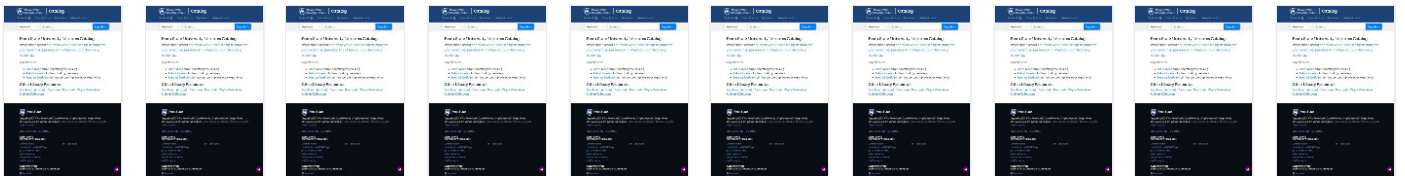
Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity	Estimated Savings
⚠ Enable text compression	2.4 s ⌄
⚠ Eliminate render-blocking resources	1.07 s ⌄
⚠ Remove unused CSS	1.05 s ⌄

Diagnostics — More information about the performance of your application. These numbers don't directly affect the Performance score.

⚠ Ensure text remains visible during webfont load	⌄

⚠ **Serve static assets with an efficient cache policy** — **11 resources found** ⌄

Minimize Critical Requests Depth — 7 chains found ⌄

Keep request counts low and transfer sizes small — 21 requests • 816 KB ⌄

Passed audits (17) ⌄

83

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

ARIA — These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

⚠ `[role]` **values are not valid** ⌄

⚠ `[aria-*]` **attributes are not valid or misspelled** ⌄

Contrast — These are opportunities to improve the legibility of your content.

⚠ **Background and foreground colors do not have a sufficient contrast ratio.** ⌄

Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. ⌄
Learn more in our guide on [conducting an accessibility review]().

Passed audits (17) ⌄

Not applicable (15) ⌄

93

Best Practices

⚠ **Does not use HTTP/2 for all of its resources** — **11 requests not served via HTTP/2** ⌄

Passed audits (14) ⌄

80

SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more]().

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

⚠ Document does not have a meta description ⌄

⚠ Links do not have descriptive text — 2 links found ⌄

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ⌄

Passed audits (8) ⌄

Not applicable (3) ⌄

PWA

Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more]().

Fast and reliable

Page load is fast enough on mobile networks ⌄

⚠ Current page does not respond with a 200 when offline ⌄

⚠ start_url does not respond with a 200 when offline No usable web app manifest found on page. ⌄

Installable

Uses HTTPS ⌄

⚠ Does not register a service worker that controls page and start_url ⌄

⚠ Web app manifest does not meet the installability requirements Failures: No manifest was fetched. ⌄

PWA Optimized

Redirects HTTP traffic to HTTPS ⌄

⚠ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

⚠ Does not set an address-bar theme color
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

Content is sized correctly for the viewport ⌄

Has a `<meta name="viewport">` **tag with** `width` **or** `initial-scale` ⌄

Contains some content when JavaScript is not available ⌄

⚠ Does not provide a valid `apple-touch-icon` ⌄

Additional items to manually check (3) — These checks are required by the baseline [PWA Checklist](#) but are not ⌄
automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Runtime Settings

URL	https://catalog.libraries.psu.edu/
Fetch time	Nov 15, 2019, 3:44 PM EST
Device	Emulated Desktop
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.97 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1544

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