https://catalog.libraries.psu.edu/ ⋮

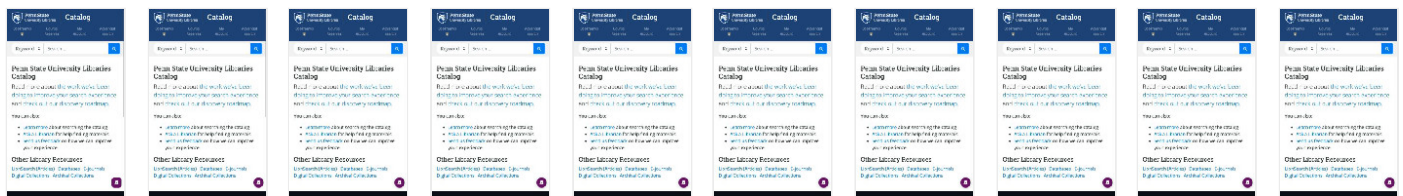|				
78	**83**	**93**	**79**	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

0–49	50–89	90–100

78

Performance

Metrics ≡

First Contentful Paint	3.2 s	▲ First Meaningful Paint	4.2 s
Speed Index	3.2 s	First CPU Idle	4.6 s
Time to Interactive	4.9 s	Max Potential First Input Delay	90 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	1.05 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 • 815 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)   ⌄

79

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   ⌄

**Mobile Friendly — Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the
content pages. Learn more.**

▲   Tap targets are not sized appropriately — 48% appropriately sized tap targets   ⌄

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

Passed audits (9)   ⌄

Not applicable (1)   ⌄

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, 3:39 PM EST
Device	Emulated Nexus 5X
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 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1728

Generated by **Lighthouse** 5.2.0 | File an issue