http://localhost:8000/

74 96 67 67 PWA

74
Performance

96
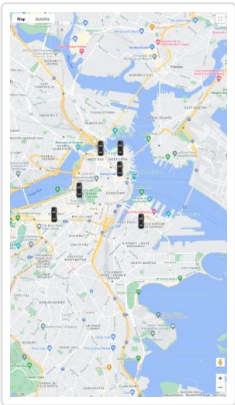**Accessibility**

67
Best Practices

67
SEO

PWA
PWA

74

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   50–89   90–100

METRICS   Expand view

First Contentful Paint

1.4 s

Time to Interactive

3.4 s

Speed Index

2.7 s

Total Blocking Time

20 ms
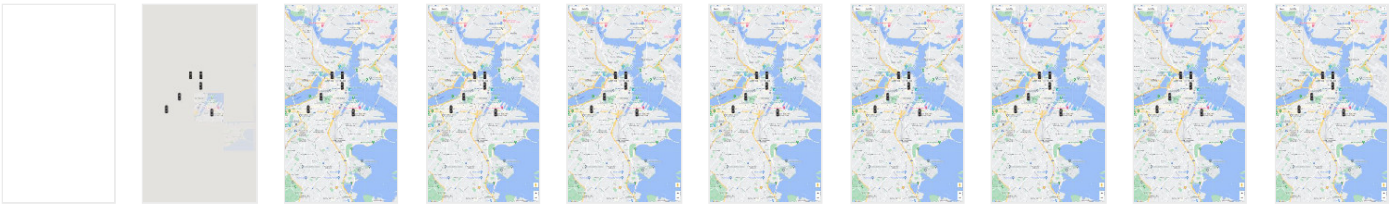
▲ Largest Contentful Paint

7.7 s

Cumulative Layout Shift

0.005

View Original Trace   View Treemap

Show audits relevant to: All FCP TBT LCP CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Serve images in next-gen formats	2.55 s ⌄
▲ Preload Largest Contentful Paint image	1.64 s ⌄
Eliminate render-blocking resources	0.62 s ⌄
Reduce unused JavaScript	0.15 s ⌄

These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

DIAGNOSTICS

▲ Ensure text remains visible during webfont load	⌄
▲ Does not use passive listeners to improve scrolling performance	⌄
▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No \`<meta name="viewport">\` tag found	⌄
Serve static assets with an efficient cache policy — 4 resources found	⌄
○ Avoid chaining critical requests — 2 chains found	⌄
○ Keep request counts low and transfer sizes small — 64 requests • 2,019 KiB	⌄
○ Largest Contentful Paint element — 1 element found	⌄
○ Avoid large layout shifts — 1 element found	⌄
○ Avoid long main-thread tasks — 1 long task found	⌄

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (27)   Show

96

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

⚠ `button`, `link`, and `menuitem` elements do not have accessible names.   ⌄

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.

INTERNATIONALIZATION AND LOCALIZATION

⚠ `<html>` element does not have a `[lang]` attribute   ⌄

These are opportunities to improve the interpretation of your content by users in different locales.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (17)   Show

NOT APPLICABLE (25)   Show

67

Best Practices

USER EXPERIENCE

🔺   Displays images with incorrect aspect ratio   ⌄

🔺   Serves images with low resolution   ⌄

BROWSER COMPATIBILITY

🔺   Page lacks the HTML doctype, thus triggering quirks-mode Document must contain a doctype   ⌄

🔺   Charset declaration is missing or occurs too late in the HTML   ⌄

TRUST AND SAFETY

◯   Ensure CSP is effective against XSS attacks   ⌄

GENERAL

◯   Detected JavaScript libraries   ⌄

PASSED AUDITS (9)   Show

NOT APPLICABLE (1)   Show

67

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

MOBILE FRIENDLY

🔺   Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌄

⚠ **Document doesn't use legible font sizes**

    Text is illegible because there's no viewport meta tag optimized for mobile screens.   ⌄

⚠ **Tap targets are not sized appropriately**

    Tap targets are too small because there's no viewport meta tag optimized for mobile screens   ⌄

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.

CONTENT BEST PRACTICES

⚠   Document does not have a meta description   ⌄

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

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (8)   Show

NOT APPLICABLE (2)   Show

PWA

PWA

These checks validate the aspects of a Progressive Web App. Learn more.

INSTALLABLE

⚠   Web app manifest or service worker do not meet the installability requirements — 1 reason   ⌄

PWA OPTIMIZED

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

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

is not configured for a custom splash screen. Failures: No manifest was fetched.

▲ Does not set a theme color for the address bar. ⌄

Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.

▲ Content is not sized correctly for the viewport The viewport size of 980px does not match the window size of 360px. ⌄

▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌄

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

▲ Manifest doesn't have a maskable icon No manifest was fetched ⌄

ADDITIONAL ITEMS TO MANUALLY CHECK (3)   Show

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.

Captured at Oct 19, 2022, 7:41 PM EDT   Emulated Moto G4 with Lighthouse 9.6.2   Single page load

Initial page load   Slow 4G throttling   Using Chromium 106.0.0.0 with devtools

Generated by **Lighthouse** 9.6.2 | File an issue