

Performance Testing Report - Nike Ecommerce Website

1. Executive Summary

- Briefly summarize the testing objectives.
- Mention tools used for performance testing (e.g., Lighthouse, GTmetrix, etc.).
- Highlight key results, such as load time, responsiveness, and overall score.

3. Testing Tools and Setup

- Tools Used: Lighthouse, GTmetrix, or other relevant performance testing tools.
- Environment: Staging environment on Vercel
- Devices/Browsers: Mention the devices and browsers used during testing (e.g., Chrome on desktop and mobile).

4. Performance Metrics

METRICS		Expand view
<div><div></div>First Contentful Paint</div> <div>0.8 s</div>	<div><div></div>Largest Contentful Paint</div> <div>1.2 s</div>	
<div><div></div>Total Blocking Time</div> <div>40 ms</div>	<div><div></div>Cumulative Layout Shift</div> <div>0</div>	
<div><div></div>Speed Index</div> <div>2.1 s</div>		

- **Load Time:** Time taken for the website to become fully interactive.
- **First Contentful Paint (FCP):** Time for the first visible content.
- **Time to Interactive (TTI):** Time until the site is fully functional.
- **Speed Index:** Visual progress of page loading over time.
- **Cumulative Layout Shift (CLS):** Visual stability score.

Local metrics

Largest Contentful Paint (LCP)

1.20 s

Your local LCP value of 1.20 s is good.

LCP element `img`

Cumulative Layout Shift (CLS)

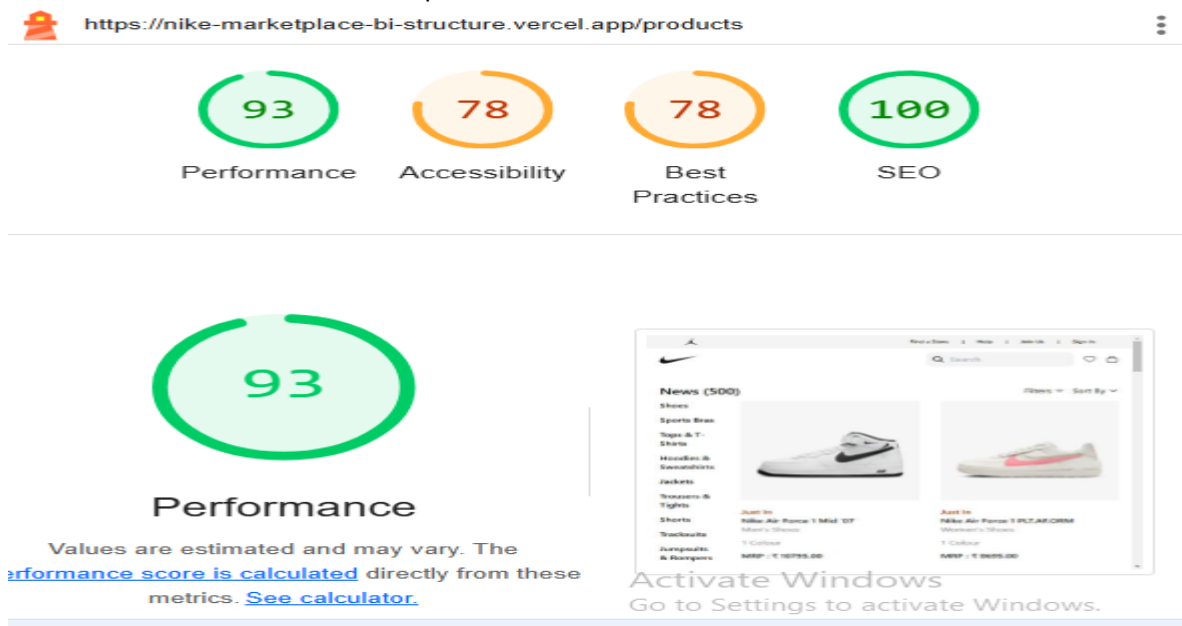
0

5. Key Findings

- Strengths: Mention areas where performance is optimal.
- Weaknesses: Highlight any issues found during testing, such as high load times or unoptimized images.

6. Lighthouse Performance Report

- Include a screenshot of the overall performance score with individual metrics.



Stats of Key Performance Testing

- "Home page load time: 1.8 seconds (target: <2 seconds)."
- "Performance score: 90/100 (mobile), 93/100 (desktop)."

- "Image sizes reduced by 30%, saving 1.2MB of bandwidth."