

# Training Day6

## Report:

20 June 2024

### Key Takeways:

#### FUNCTIONAL REQUIREMENT(FR)

#### NON FUNCTIONAL REQUIREMENT(NFR)

Web 3.0 focus on NFR

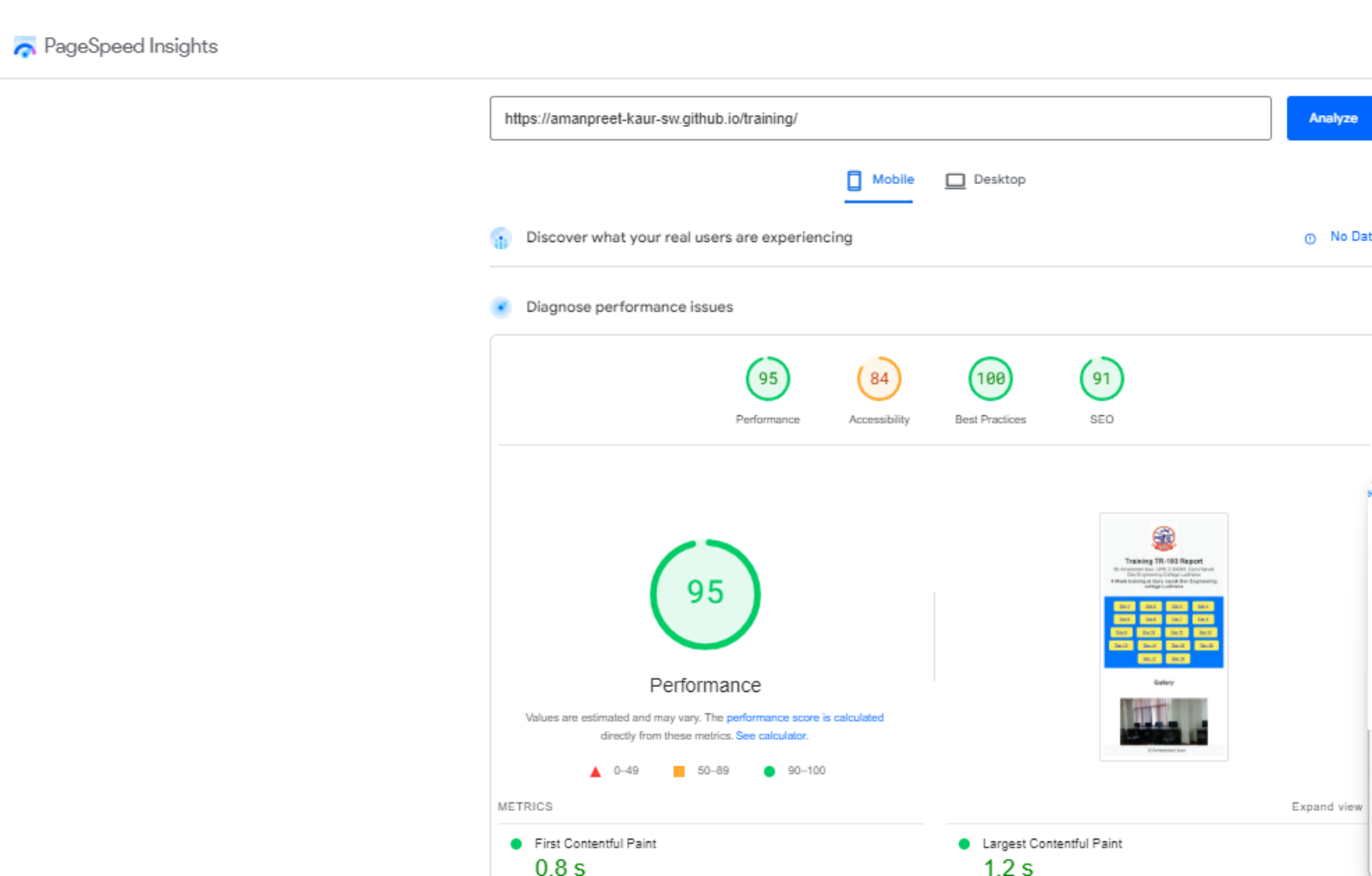
- Performance
- Security
- Reliability

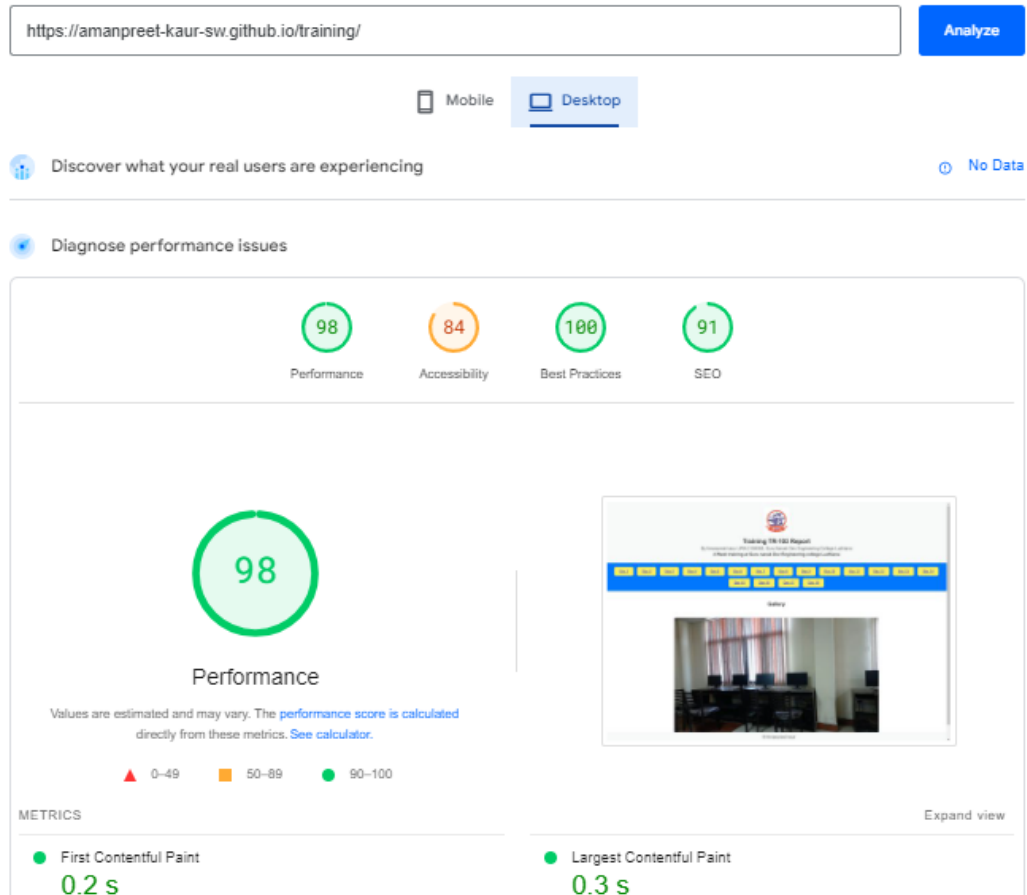
### *HOW TO ENHANCE THE PERFORMANCE OF THE SYSTEM*

By using different tools we can measure the performance of our website.

- Google page speed
- Lighthouse
- Gtmatrix

### Google page speed





## Lighthouse

URL: <https://amanpreet-kaur-sw.github.io/training/>

DATE: 30/06/2024, 15:27:21

## Webpage Performance Test Result

SETTINGS: MOTOPOWER

3GFast

Mumbai, India

More

Share

View: Lighthouse Report

Tools: Export

### Lighthouse Report

Lighthouse is an open-source, automated tool for improving the quality of web pages. You can run it against any web page, public or requiring authentication. Overall scoring color key: (0-49 50-89 90-100).

For scripted tests, Lighthouse report will only be available on the final step.

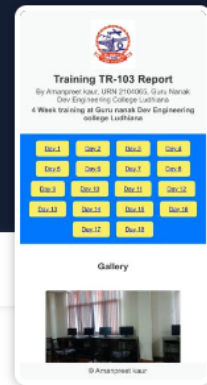
Performance 93

Accessibility 91

Best Practices 96

SEO 92

PWA 38



**Did you know?** Lighthouse runs in Chrome and provides a great complementary analysis alongside the many browsers, devices, and locations WebPageTest offers. To see how this site performs in more environments: [Start A New Test](#)

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### Latest Performance Report for:

<https://amanpreet-kaur-sw.github.io/training/>

Report generated: Sun, Jun 30, 2024 2:11 AM -0700  
Test Server Location: Vancouver, Canada  
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

Re-Test

Compare

Page Settings

Monitor

Set Up Alerts

Tags

Share

GTmetrix Grade

A

Performance

100%

Structure

96%

Web Vitals

Largest Contentful Paint

504ms

Total Blocking Time

0ms

Cumulative Layout Shift

0.06

Summary

Performance

Structure

Waterfall

Video

History