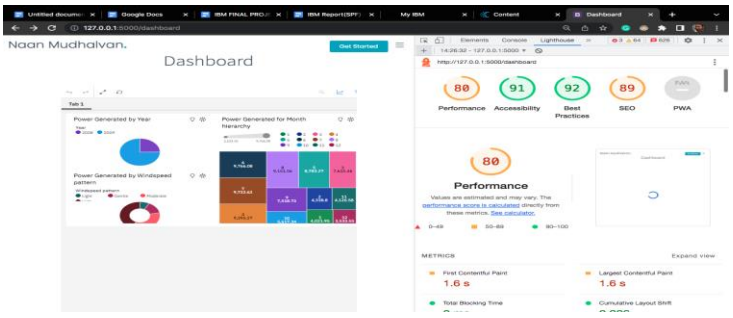
Project Development Phase
Model Performance Test

Date	17-October-2023
Team ID	NM2023TMID07506
Project Name	Solar Panel Forecasting
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	
2.	Data Responsiveness	Dashboard responsiveness is critical for solar panel forecasting. To ensure it, optimize data processing, use a fast backend, employ client-side optimization, ensure a responsive design, minimize network latency, use data visualization libraries, prioritize critical data, implement compression and caching, consider a Progressive Web App, and regularly test and monitor performance.
3.	Amount Data to Rendered (DB2 Metrics)	Solar panel forecasting data typically includes historical performance, weather, and environmental data, along with predictors. The data volume can be substantial, so efficient preprocessing and optimization are crucial for accurate forecasts.
4.	Utilization of Data Filters	Data filters are used in solar panel forecasting to enhance accuracy. They reduce noise, ensure data quality, condition data, select relevant features, and smooth time series data. Filters help in detecting events and imputing missing values, improving the reliability of forecasting models.
5.	Effective User Story	No of Scene Added - 4
6.	Descriptive Reports	No of list / Graphs – 2