

## Project Development Phase Sprint - IV

Team ID	PNT2022TMID21488
Project Name	Retail Store Stock Inventory Analytics

### Description:

Retail Store Inventory Stock Analysis used to visualise & analyse stock sales price in graphical format. In this sprint, we've added Report Generation capabilities using the **jspdf** module that we've found efficient and convenient to extract content from HTML and export it as pdf with desired alterations and formats.

### Report Generation:

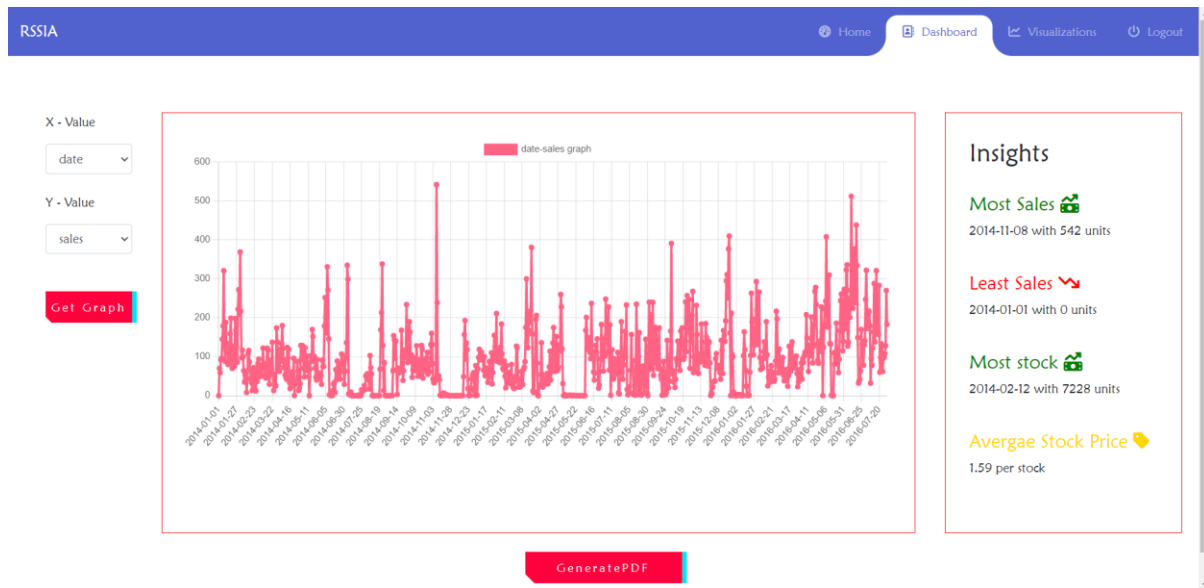
Report generation helps to generate a detailed report with graphical representation along with Insights.

### Story Creation:

Insights are generated based on the user selected graphs by giving the necessary x and y values as input and from that stories for the same will be generated. Insights differ for each and every graph as it fetches data in real time from the dataset.

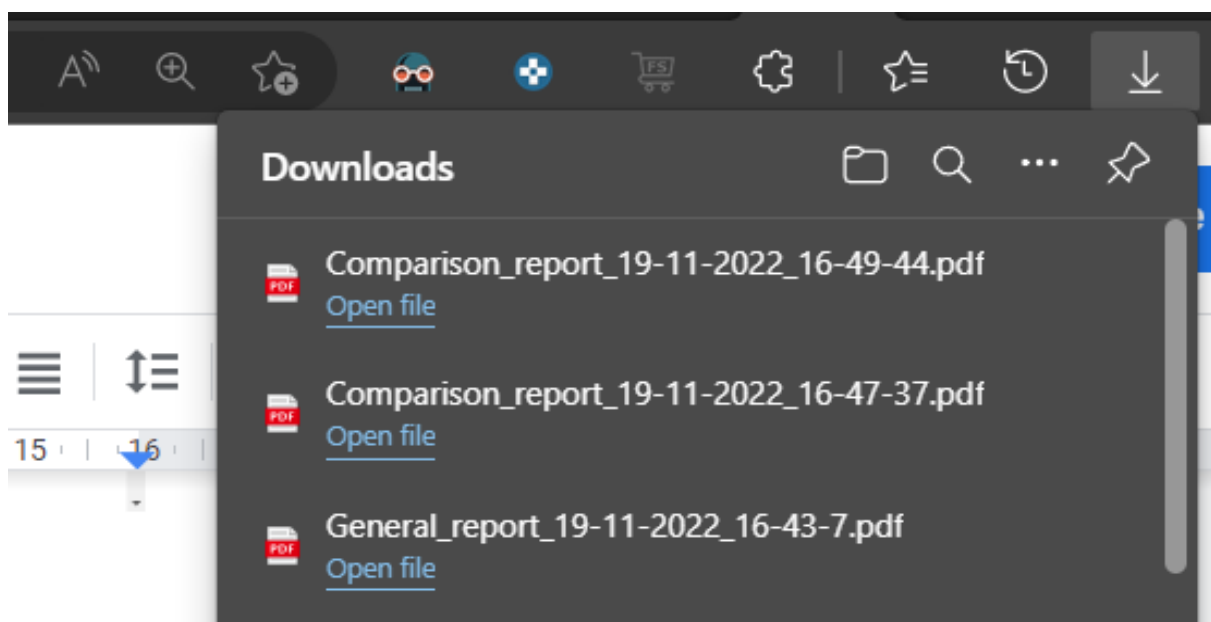
## Screenshots:

### 1) Dashboard:



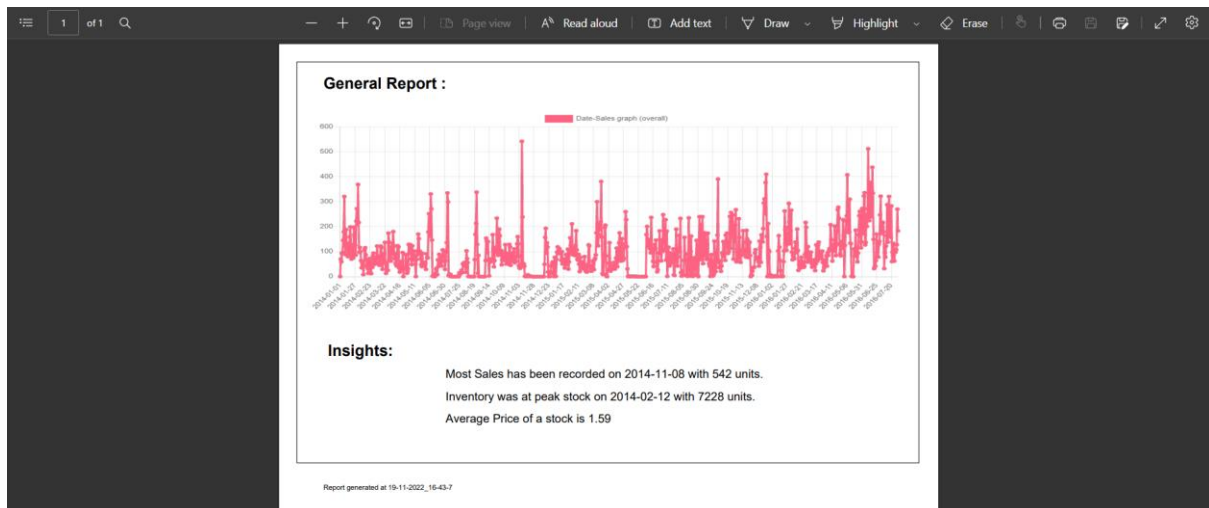
The dashboard has an option to Generate PDF of the visualized graph.

### PDF Generation:



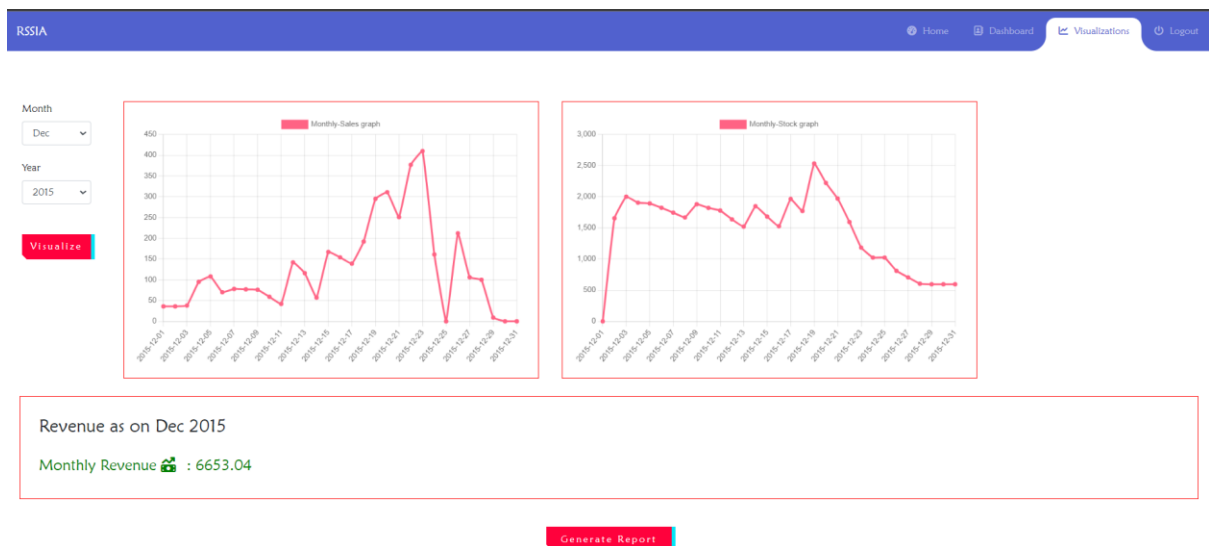
Clicking on Generate PDF button downloads a PDF in your file system.

## General Report:



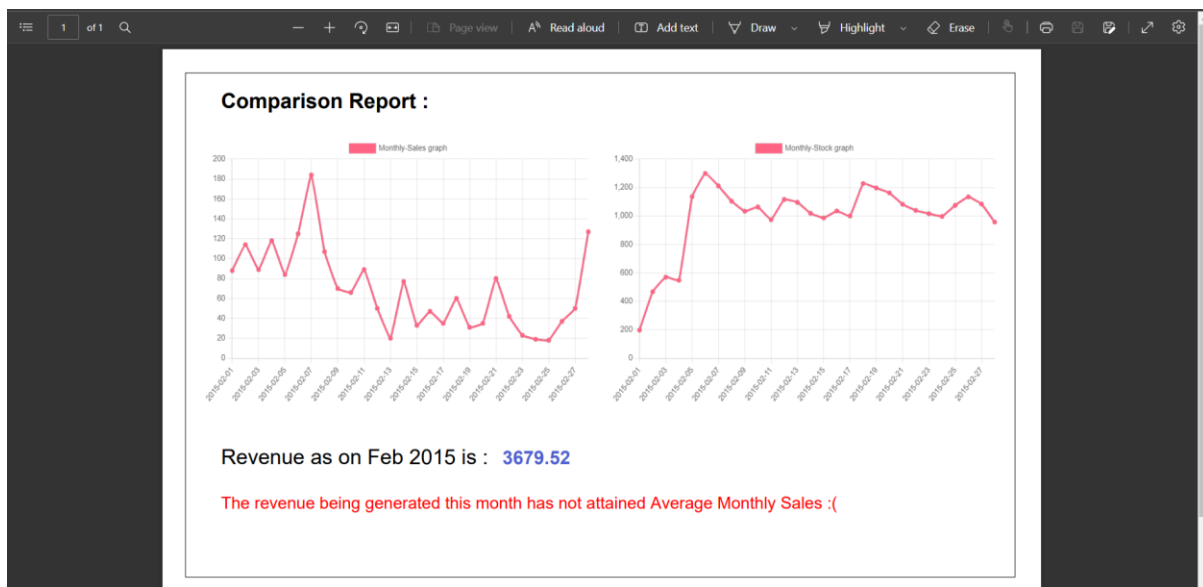
Any graph can be converted into a PDF and insights are provided to the user to get a better picture of the situation.

## 2) Visualizations:



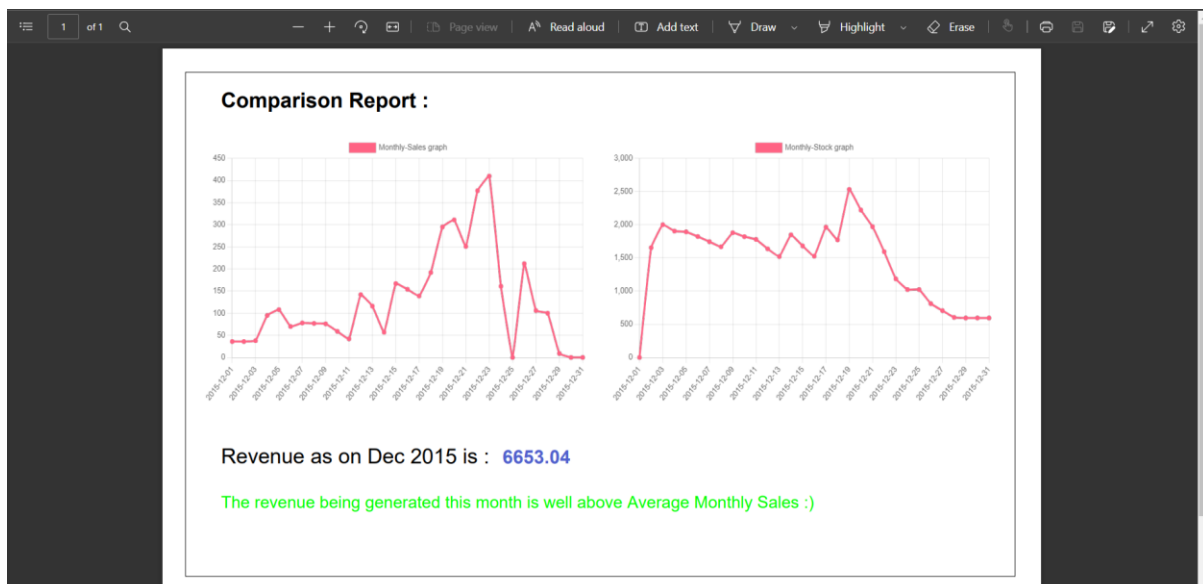
The Visualizations tab also has the Generate Report option.

## Comparison Report: (Negative Feedback)



In case the revenue is lesser than average, the above report is generated.

## Comparison Report: (Positive Feedback)



In case the revenue is more than average, the above report is generated.

## Conclusion:

Thus, in Sprint 4, Report Generation and Insights Generation have been implemented successfully.