

Project Work

Below are the few projects that I worked on, and the tools used for data analysis and steps I have followed to prepare the data and dashboard are mentioned.

Tools Covered for Data Analysis and Data Manipulation:

Advance Excel:

Imported the data into Excel and cleansed and prepare the data for analysis and removed duplicates, fixed errors to standardize the data.

Databases:

In this project I have used RDMS databases such as **MySQL & PostgreSQL** to store the data after preprocessing the data and executed SQL queries to transform the data into a format that can be easily used in Power BI and involved joining tables, filtering data.

Steps followed before preparing dashboard:

Extracting the data: Used SQL to extract the required data from the identified data sources. This may involve querying databases or running scripts.

Transforming the data: Used SQL to transform the data into a format that can be easily used in Excel. This may involve joining tables, filtering data, or aggregating data.

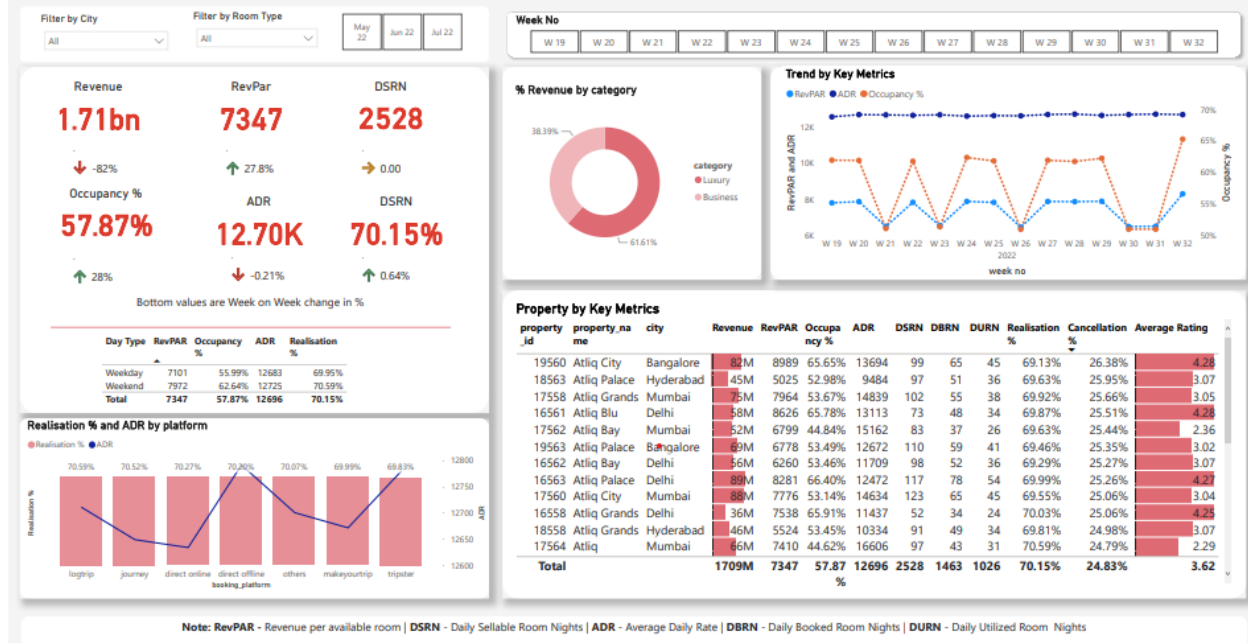
Importing the data into Excel: Imported the transformed data into Excel using SQL data import.

Cleaning the data: Used Excel to clean and prepare the data for analysis. This may involve removing duplicates, fixing errors.

Importing the data model into Power BI: Imported the Excel data model into Power BI.

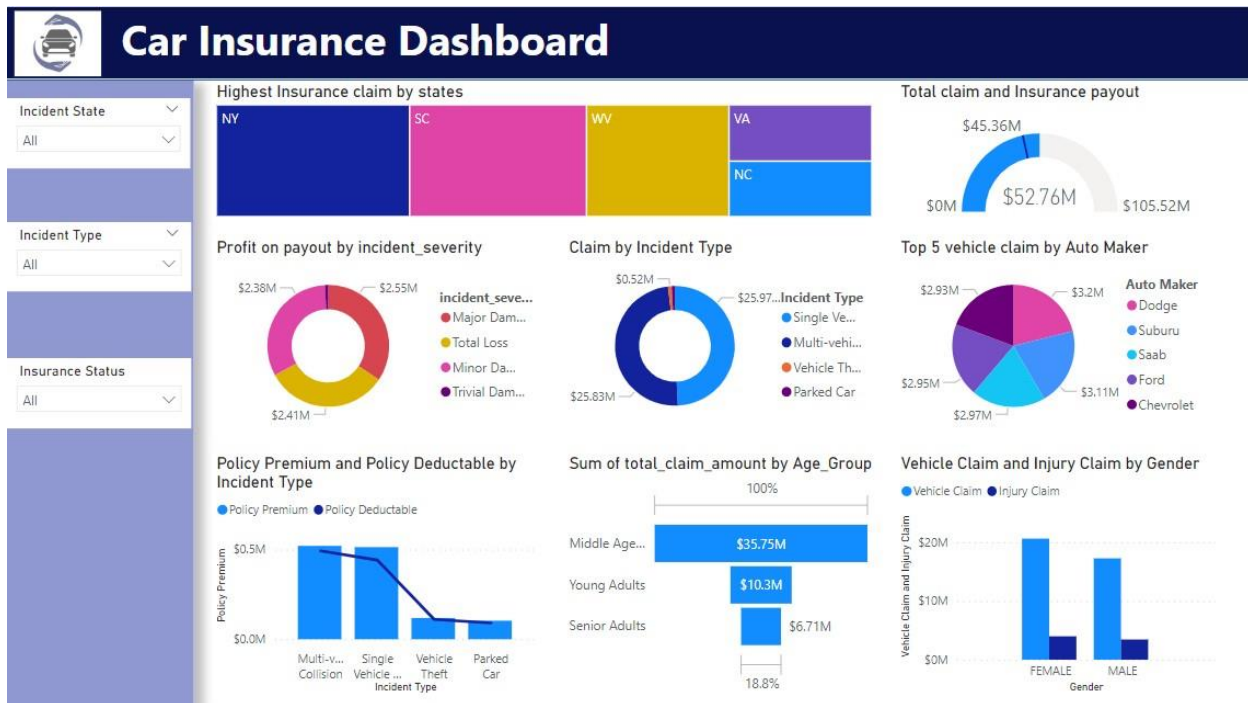
Creating the dashboard: Use Power BI to create the dashboard by adding visualizations, charts, and other elements to the dashboard. This may involve using custom visuals or integrating with other data sources.

Hospitality Management Revenue Dashboard



1.Hospitality Management Dashboard:

The dashboard provides a detailed view of sales data, including **Revenue**, **DSRN**, **ADR**, **RevPAR**, **DSRN** and Trend Key metrics like **RevPAR**, **ADR** & **occupancy %** over the 14 weeks period. This information can be used to track performance and identify opportunities for growth. Managers can immediately discover areas where business partners are missing the growth opportunity and take action to fix these issues.



2.Car Insurance Dashboard:

The Car Insurance Dashboard is a platform designed to help insurance companies track and analyze key performance indicators (KPIs) related to the vehicle insurance sector and acquire insightful information about how their businesses are run. This dashboard combines data from various sources, including information on policyholders, claim data, and premium payments, to provide comprehensive insights.



3.Sales Performance Dashboard:

The dashboard provides a detailed view of **Sales, Profit, Target, YoY sales** over the 5 years period. Also, this dashboard contains slicers on region, segment and Year which allows to view the dashboard for the region, segment, and year.