

# **UBER TRAFFIC ANALYSIS**

## **Using Microsoft Power BI**



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# Abstract

Under the guidance of our TCR mentors, We have developed a dashboard in which we can see the Uber traffic analysis. Through this analysis we can take action to prevent traffic jams in the city.

This dashboard shows us analytical views on traffic in the city. It gives us broad idea about when, where & why this traffic jams are happening. Using this power bi dashboard we can take action against the traffic jams so we can prevent it. The analysis is mostly focused on the areas where the traffic is more. It is a fully fledged vibrant looking dashboard which focuses on our robust caliber and knowledge.

Data analytics has helped companies optimize and grow their performance for decades. Data analytics and visualization has aided us with several benefits, few of them being identifying emerging trends, studying relationships and patterns in data, etc. This project is all about understanding one such dataset of uber and is very component to understand the use of data analysis and visualization.

# **Acknowledgement**

We remain immensely obliged to TCR innovation for providing us with the idea of this topic, and for invaluable support in gathering resources for us either by way of information or computer also guidance and supervision which made this project successful.

# Introduction

“Uber traffic analysis using Microsoft Power BI” this my project. In which we have given the excel data of Uber of the Bengaluru city. So, using this data we have to develop dashboard from this dashboard we can able to see the travel time of the uber cars.

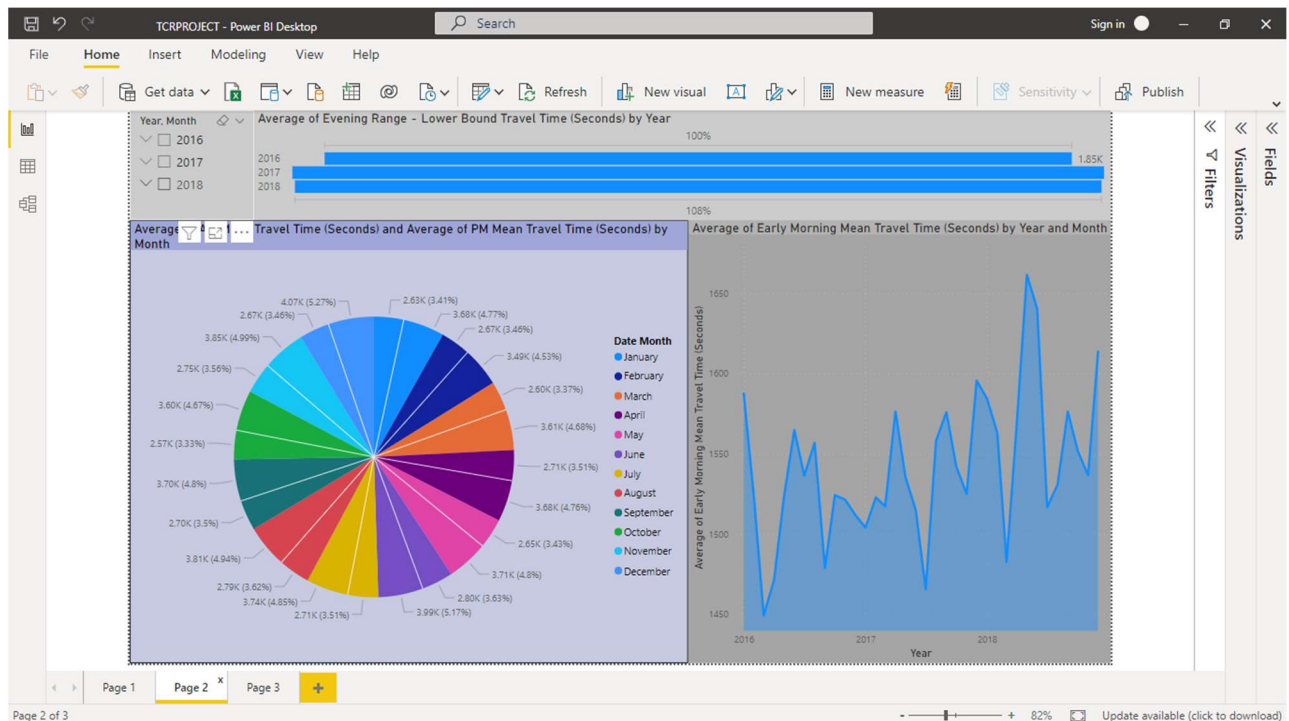
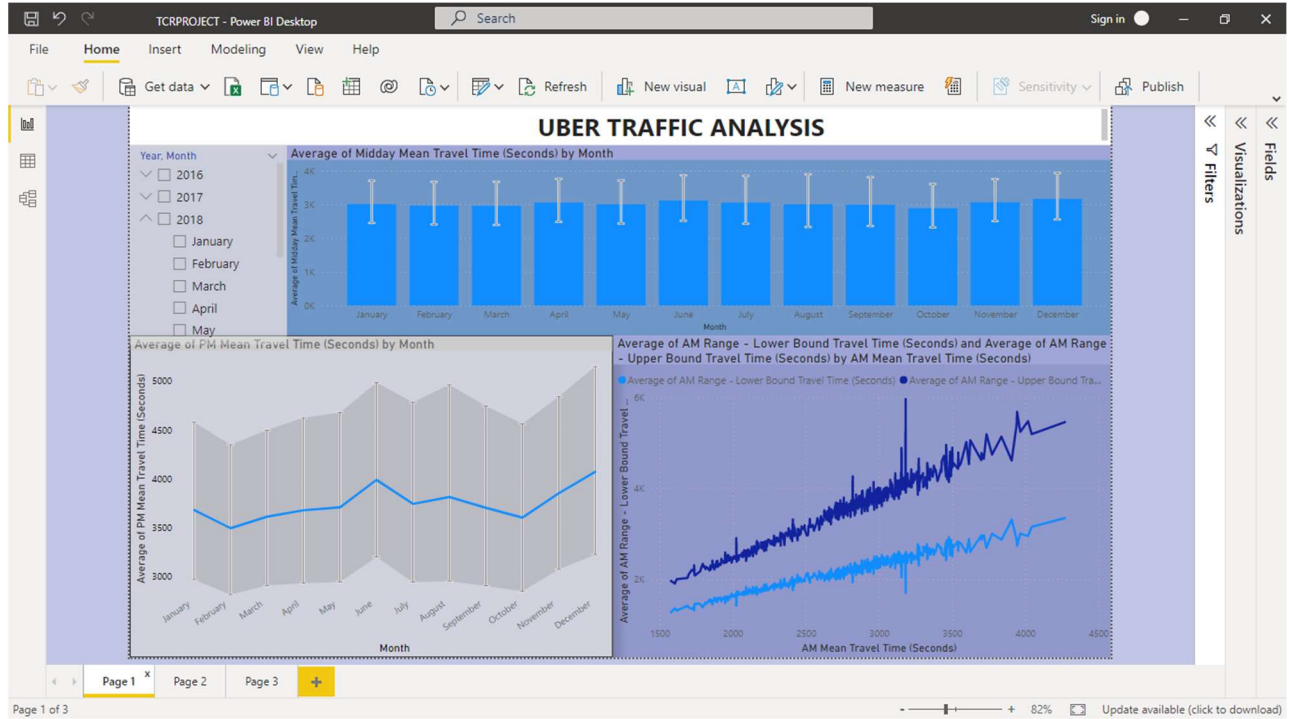
Using this data we can do many things. We know that today traffic jams in the Bengaluru city is common. So if we want prevent this traffic jams then we can take help of this Power BI dashboard. By taking help of the dashboard we can see the when and on what time uber cars travel most so we can take actions according to it.

So, this my project in which we will be doing Uber traffic analysis using Microsoft Power BI

# Objective

- My main objective of this project is traffic planning using Power BI dashboard.
- Characterizing the demand based on identified patterns in the time series.

# Result



# Conclusion

Using the Microsoft Power BI we have done the analysis of the uber cars. We studied how to create data vizualizatons. Now using this dashboard we can take action against traffic jams. Also traffic planning we can do effectively. This internship has been an excellent and rewarding experience.



