

# WRITE UP

*First Aid Center in MTA Stations  
NYC*



O C T O B E R 7 , 2 0 2 1

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# **ABSTRACT**

This analysis will assist in resolving by identifying the top five crowded stations to provide a first aid post in, by the following components:

## **Design**

NYC MTA stations want to place a first aid station in all of their stations, but due to their tight budget, they have been allowed to place a first aid station in only five stations.

## **Communication**

## **Data**

We need dataset from MTA data for the subways station NYC dataset, we use the features of ENTRIES, EXITS to find out the number of passengers on each trip and In addition to the features of the DATE to ensure that the station operates during the days of the week.

The analysis will be carried out over a period of five months start from 1 May 2021 to 25 September 2021.

## **Algorithms**

The exploratory data analysis on the station data set, and to analyze it, you must first collect the three-month data and clean it, delete redundant data, junk columns, nulls values and merge some columns by aggregate or group by and finally visualize data by Seaborn

## **Tools**

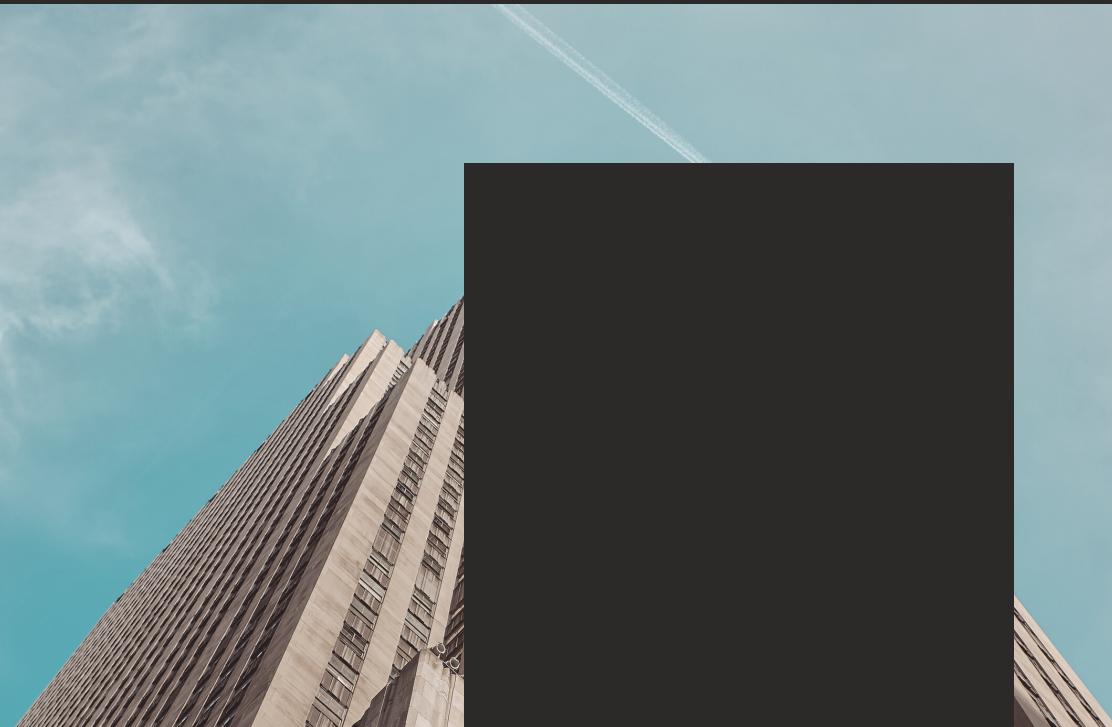
Jupyter Notebook, Python, Pandas, Matplotlib, SQLAlchemy and Seaborn

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# About the company

A business (also known as an enterprise, a company, or a firm) is an organizational entity involved in the provision of goods and services to consumers. Businesses serve as a form of economic activity, and are prevalent in capitalist economies, where most of them are privately owned and provide goods and services

allocated through a market to consumers and customers in exchange for other goods, services, money, or other forms of exchange that hold intrinsic economic value. Businesses may also be social non-profit enterprises or state-owned public enterprises operated by governments.



## Vision Mission Goals

A big project involves overseeing a lot of moving parts, oftentimes from different people. To have a successful rollout, project managers rely on a well-crafted project plan to ensure objectives are met on time and on budget. A project plan is a formal approved document which is used to define project goals, outline the project scope, monitor deliverables, and mitigate risks. It must answer basic questions like what is the purpose of the project, what activities are involved, who will be responsible for what, and when is it expected to be completed? It is not to be confused with the Gantt chart, which shows project deliverables against the timeline. The said chart is only one part of the project plan.

# **Executive Summary**

The first step to creating an effective project plan is to set a baseline. The baseline is the foundation on which the other project elements will be built on. This must include a scope statement. Start by identifying what business need the project aims to address and how the company will benefit from the project.

# **The Gap We're Filling**

Then create milestones as appropriate to the size of the project. Next, create a work breakdown structure (WBS), breaking up large tasks to smaller ones. Lastly, come up with a baseline management plan which details how stakeholder will review and approve changes to the baseline.

