DSS: Data science solutions

Introduction:

Data Science Solutions (DDS) is a data science company specialized in Data analytics and Data science. We offer breakthrough and effective solutions for clients to help achieve their own goals through the utilization of data to draw better decision making and solutions.

Background:

DDS is a data science company specialized in Data analytics and Data science; we offer set of services including:
EDA using Python and SQL.
Machine Learning.

Problem Statement:

Coffee Corp. is a small business that aims to Expand their coffees shop branches in the train stations at New York city. in this project, DDS will analyze the turnstile data for each station to find the busiest station. Hence, recommending the best location for the new branches so that Coffee Corp. can achieve their goals to expands their coffee business.

Solution:

We Will use the turnstile data to analyze and find the busiest stations so that Coffee Corp. can expand their coffee business.

Data Description:

Using four months' worth of retrospective (data turnstile data sets) to achieve the best outcome (August, September, October, and November of 2019), Characteristics included: **ENTRIES, EXITS, C/A, SCP, unit, Date and Time**

The number of people entering and exiting through the turnstile turns, to find out the traffic count for a specific station during a day, week, and for the whole duration of the data.

Tools:

- Python
- Git
- Jupiter
- Power BI
- SQLilt

Libraries:

- Matplotlib
- Seaborn