Group Name - Individual work

Name - Alankrita Mitra

Email ID - mitraalankrita@gmail.com

Country- United Kingdom

University- University of Essex

Specialization - Data Analyst

Problem Description - To inform police agencies of Texas where they can make improvements by identifying deployment areas where racial disparities exist and are not explainable by crime rates and poverty levels.

Business Understanding- Police departments throughout the United States have united with the National Justice Database, which stands as the foremost and most extensive compilation of standardized police behavioral information. In return for unparalleled admission to their records encompassing use of force occurrences, vehicle stops, pedestrian stops, service calls, and crime statistics, we will employ sophisticated data analysis techniques to identify discrepancies in policing, illuminate patterns of police conduct, and offer practical suggestions. Our detailed personalized reports can serve as a catalyst for police departments to enhance public safety, regain public confidence, and carry out their duties in accordance with their inherent principles.

Project lifecycle along with deadline -

- Understanding Data – 26th June, 2023

- Data Cleansing and Transformation – 2nd July, 2023

- EDA and final Recommendation – 9th July, 2023

- Business Presentation and Modelling – 16th July, 2023

- Base Model Selection and Dashboard submission – 23rd July, 2023

- Final Report and Code – 30th July, 2023

Data Intake report –

Name: Policing Dataset 2016- Dellas, Texas

Report date: 19.06.2023

Internship Batch: LISUM21

Version:<1.0>

Data intake by: Alankrita Mitra

Data intake reviewer:

Data storage location: https://github.com/alankritamitra/Data-Glacier-Project

File Name	37-00049_UOF-P_2016_prepped
Total number of observations	2834
Total number of features	47
Base format of the file	.csv
Size of the data	890kb

Github Repo link - https://github.com/alankritamitra/Data-Glacier-Project