

DATA 422 - Data Wrangling

Professional Project Diary

Meeting Start Date – Meeting Finish Date (13/09/2019 - 21/10/2019)

Project Topic: Death Rate Analysis in USA Due To Drug Addiction

Members in attendance:

- Neha Thakkar (51192498)
- Mrinal Jyoti Kumar (96475046)
- Siddharth Rana (45562544)
- Sudhanshu Kaushik (75074054)

Tasks completed during meeting:

- Collection of the Dataset
- Creation of a “github” project folder and defining a team name
- Installed “keybase” tool in all the respective machines
- Checking the feasibility of the Dataset
- Implementing strategies to work on the datasets
- Creating a master zipcode file
- Discussion in depth about the strategies, data cleaning, data visualization
- Started working on the project, imported all the necessary packages and imported the dataset files
- Changed the Date column's data type from 'Custom' to 'Date' in the dataset file
- Cleaned the dataset file, handled the missing value
- Removed the unwanted columns from the dataset file
- Merged the zip code file with our dataset file
- Plotted the output graphs for various analysis in the form of pie, bar and line graphs
- Performed web scrapping to collect more information about drug types
- Prepared the ppt file creation for project presentation
- Prepared the project report

Average number of meetings per week and feedback:

- ✓ At least once a week (minimum 3 hours daily)
- ✓ Group members have shown full commitment and contribution towards the project and have done an amazing job as a team.

Date for meetings:

13th Sept, 18th Sept, 20th Sept, 23rd Sept, 24th Sept, 26th Sept, 28th Sept, 01st Oct, 02nd Oct, 07th Oct, 10th Oct, 19th Oct and 21st Oct. 2019

Project Submission Date: 23/10/2019