Project Diary
Data Mining and Machine Learning
F20DL - Group 2

Group 2

Week 1: Group Formation and Initial Meeting

During this week, we officially formed Group 2 and held our first team meeting. We discussed the overall coursework objectives and responsibilities. We also completed Lab 1, which gave us a hands-on introduction to some of the basic concepts in data mining and machine learning. This activity allowed us to familiarize ourselves with the tools and techniques we would be using throughout the project.

Week 2: Topic and Dataset Selection

In our second meeting, we explored several possible topics and datasets, evaluating their relevance to the coursework objectives and their feasibility for analysis. After some discussion, we finalized our project topic and selected a dataset that aligned with our research goals. We also outlined a plan for the project timeline, assigning tasks to ensure steady progress in the coming weeks.

Week 3: Repository Setup and Data Analysis

This week, we created a GitHub repository to store and manage our project files collaboratively. We finalized our dataset selection and began conducting initial data analysis. This included cleaning the data and performing exploratory data analysis (EDA) to understand the patterns and trends in the dataset. Additionally, we created visualizations to better represent the data, which will inform our next steps in model selection and training.

Week 4: Presentation Preparation

Our focus this week was on preparing for our project pitch presentation. We compiled a slide deck to explain our selected topic, dataset, and initial findings. This included outlining our objectives and presenting some of the visualizations created in Week 3. We rehearsed the presentation to ensure it would be clear and concise, ready for feedback from the instructors.