

GROUP NAME: Birmingham DS

TEAM MEMBER DETAILS:

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PROBLEM DESCRIPTION:

Pharmaceutical companies strive to understand how consistently patients follow the prescribed dosage and duration of a drug as recommended by physicians.

The objective is to gather insights on the factors influencing persistency and build a classification model using the provided dataset.

BUSINESS UNDERSTANDING:

By assessing persistency, Pharma companies can evaluate the effectiveness of their medications and identify any issues or barriers that may hinder patients from adhering to the prescribed treatment. This information is crucial for pharmaceutical companies to develop strategies and interventions that promote better patient compliance and improve treatment outcomes.

PROJECT LIFECYCLE AND DEADLINE:

Project Life Cycle Stage	Tasks	Deadline
Initiating	Defining the problem and understanding the Business	May 19
Planning	Data Collection and understanding the problems in the data. Planning the Cleaning and Analysis Hypothesis	May 26
Execution	Data Cleaning, Exploratory Data Analysis and Visualization. Model Building and Deployment	June 9 (Cleaning & EDA) June 23 (Model Building)
Monitoring	Monitoring the models deployed to check the prediction accuracy and performance of the model	June 23
Closing	Giving Recommendations to the Business based on the analysis and predictions made	June 30

GITHUB REPO LINK: <https://github.com/Meghna-Ijjapureddy/Group-Project>