Project: Healthcare - Persistency of a drug

Week 10: Deliverables

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Problem Description:

ABC is a pharmaceutical company that wants to understand the persistency of a drug as per the physician's prescription for a patient. This company has approached an Analytics company to automate this process of identification. This Analytics company has assigned this task as part of the internship and has asked to come up with a solution to automate the persistence of a drug for the client ABC.

Exploratory Data Analysis:

On analysing data, it is observed that initially 62.35% of data shows that the drug is non-persistent whereas 37.65% is only persistent. Dexa Scan Frequency and Receny are highly correlated to the persistence of the drug. There are no missing values present in any column of the dataset. Binary values present in the dataset were mapped from Y, N to 1,0 respectively. Although a lot of outliers were detected in Dexa Frequency during RX which was then transformed using log transformation.

GitHub Repository:

https://github.com/AmimaShifa/WEEKLY-TASKS/tree/main/Week-10