Ali-Just Team Members

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Problem Description

One of the challenges for all Pharmaceutical companies is to understand the persistence of drugs as per the physician's prescription. the persistency of a drug may be defined as "the extent to which a patient acts in accordance with the prescribed interval, and dose of a dosing regimen." Medication persistence refers to the act of continuing the treatment for the prescribed duration.

Business Understanding

To solve this problem ABC pharma company approached an analytics company to automate this process of identification. With an objective to gather insights on the factors that are impacting the persistence, build a classification for the given dataset

Project Lifecycle Along with Deadline

Start Date: November 17th, 2022
Exploratory Data Analysis: November 25th, 2022
Data Cleaning and Transformation: December 1st, 2022
Recommendations: December 8th, 2022
Presentation: December 15th, 2022
Model Selection/ Building: December 22nd, 2022
Final Project Report and Code: December 30th, 2022

Data Intake Report

Name: Healthcare Industry
Report date: November 17th, 2022
Internship Batch: LISUM14
Version: 0.1
Data intake by: Alireza Samadifardheris and Justin Lee
Data intake reviewer:
Data storage location:
https://docs.google.com/spreadsheets/d/1P_oMc6gOBlhw6dY5PxaqxV2swdHMUooK/edit#gid=2047360270

Tabular data details:

Total number of observations	3424
Total number of files	
Total number of features	69
Base format of the file	.xlsx
Size of the data	900 KB

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