Group Name: DataLex
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Specialization: Data Science

Problem Description:

One of the challenges for all pharmaceutical companies is to understand the persistency of drug as per the physician prescription. To solve this problem ABC pharma company approached an analytics company to automate this process of identification.

Business Understanding:

Build a classification machine learning model for the given dataset, that identifies the features that impact the persistency.

Project Lifecycle:

Project	Deadline
Data gathering	7/7/2022
Exploratory Data Analysis	7/7/2022
Data preprocessing	8/7/2022
Feature selection	12/7/2022
Model selection	12/7/2022
Model training	15/7/2022
Model Optimization	19/7/2022
Model evaluation.	22/7/2022

GitHub Repository Link:

https://github.com/ovated/Persistency-of-a-drug-prediction

Data Intake Report

Name: Persistency of a drug prediction
Report date: 18-July-2022
Internship Batch: LISUM09
Version:
Data intake by: Ovbude Uankhehi
Data intake reviewer:
Data storage location: https://github.com/ovated/Persistency-of-a-drug-prediction/tree/main/dataset

Tabular data details: Healthcare_dataset

Total number of observations	3424
Total number of files	1
Total number of features	68
Base format of the file	.xlsx
Size of the data	898kb

Proposed Approach:

- Get data
- Clean Data
- Select Model
- Optimize Model