Data Science Intern at Data Glacier

Project: Healthcare - Persistency of a drug (Data Science)

Week 7: Deliverables

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SPECIALIZATION	Data Science	Data Science	Data Science	
BATCH CODE	LISUM22	LISUM22	LISUM22	
DATE	19 July, 2023	19 July, 2023	19 July, 2023	
ALL SUBMITTED TO DATA GLACIERS				

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1. Project Plan

WEEKS	DATE	PROGRESS
Week 7	July 19, 2023	Problem Statement and Data Processing
Week 8	July 26, 2023	
Week 9	Aug 2, 2023	
Week 10	Aug 9, 2023	
Week 11	Aug 16, 2023	EDA Presentation and proposed model technique
Week 12	Aug 23, 2023	Model Selection
Week 13	Aug 30, 2023	Final project report and code

2. Problem Statement

The problem faced by ABC pharma company is to understand the persistency of a drug based on physician prescriptions. Persistency refers to the extent to which patients continue to take a drug as prescribed by their physicians. The goal is to identify the factors that influence the persistency of a drug for a given dataset. The company wants to automate this process by building a classification model that can predict the persistency of a drug based on certain features.

To solve this problem, we need to understand the dataset provided by ABC pharma company. This dataset contains information about various patients. We will explore and analyze this dataset to identify patterns and relationships between variables. Then build a model that classifies the dataset.