



Data Science Internship

Final Project: **Predicting the persistency of a drug (Healthcare)**

Week 7 deliverables

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Report date: 14th of April 2023

Internship Batch: LISUM19

Project home: GitHub

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1. Problem Description

One of the challenge 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.

With an objective to gather insights on the factors that are impacting the persistency, a classification model will be built for the given dataset.

2. Project Timeline

Activity	Section	Deadline
Problem description, project timeline, data intake report and GitHub repository link	Week 7	19 Apr 2023
Understanding the data and checking for problems	Week 8	26 Apr 2023
Data cleansing and transformation	Week 9	2 May 2023
Exploratory data analysis (EDA) and recommendations	Week 10	9 May 2023
EDA presentation and proposed modeling technique	Week 11	16 May 2023
Model selection and model building	Week 12	23 May 2023
Final project report and code	Week 13	30 May 2023