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College/Company: ASU/Department of VA

Specialization: Data Science

GitHub Repo link: <https://github.com/aperezace20/Data-Science-Healthcare---Persistency-of-a-drug>

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.

ML Problem:

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

Project lifecycle:

Business Understanding	Data acquisition and understanding	Modeling	Deployment
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Deadline:

Deliveries	Date
Problem understanding, Data Understanding.	April 19 th
Data Cleaning, EDA, and Feature engineering.	April 26 th
Model development, selection, evaluation, and metrics.	May 3 rd
Deploy the model and explanation.	May 10 th

Data Intake report

Project Name: Data Science Healthcare Persistency of a Drug.

Internship Batch: LISUM17

Data Intake by: Andrea Perez

Data Storage: GitHub link

Meta Data:

Number of Observations	3424
Number of files	1
Number of features	27
Formal of file	.csv
Data Size	896 KB