

Data Science Intern at Data Glacier

Project: Healthcare - Persistency of a drug

Week 7: Deliverables

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Batch code: LISUM 13:30

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Submitted to: Data Glacier

1. 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.

2. Problem understanding:

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

3. Project lifecycle:

Weeks	Due Date	Task
Week 7	19 Oct, 2022	<ul style="list-style-type: none">● Problem understanding● data intake report● Data Understanding
Week 8	26 Oct, 2022	<ul style="list-style-type: none">● Data Cleaning and Feature engineering
Week 9	02 Nov, 2022	<ul style="list-style-type: none">● Model Development
Week 10	9 Nov, 2022	<ul style="list-style-type: none">● Model Selection● Model Evaluation
Week 11	16 Nov, 2022	<ul style="list-style-type: none">● Report the accuracy, precision and recall of both the class of target variable● Report ROC-AUC as well
Week 12	23 Nov, 2022	<ul style="list-style-type: none">● Deploy the model
Week 13	30 Nov, 2022	<ul style="list-style-type: none">● Final Submission (Report + Code + Presentation)

4. GitHub Repo link

https://github.com/chenyu-wang55/Data_Scientist_Intern_Data_Glacier/tree/main/Healthcare_project