



**Data Glacier**

Your Deep Learning Partner

# Data Science Intern at Data Glacier

## Week 7 Deliverables

Healthcare - Persistency of a drug

LISUM12

# Info



**Data Glacier**

Your Deep Learning Partner

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Specialization: Data Science

Date : 19/9/2022

Batch code: LISUM12

# Project Lifecycle along with deadlines



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| Weeks   | Date       | Plan   |
|---------|------------|--|
| Week 07 | 19/9/2022  | Problem statement, Data Collection and Data Report |
| Week 08 | 26/9/2022  | Data preprocessing                                 |
| Week 09 | 2/10/2022  | Feature engineering                                |
| Week 10 | 9/10/2022  | Build the model                                    |
| Week 11 | 16/10/2022 | Model Result Evaluation                            |
| Week 12 | 23/10/2022 | Flask deployment                                   |
| Week 13 | 20/10/2022 | Final submission                                   |



One of the challenge for all Pharmaceutical companies is to understand the persistency of drug as per the physician prescription and ABC pharma company has the same challenge and to solve this problem wants to automate the process of identification.

Objective to gather insights on the factors that are impacting the persistency and build a classification for the given dataset to automate the process.

For Business Understanding needs:

- Know drug persistency and how it calculated
- Define the business problem
- Define objective and criteria to solve it