***Data Science Project Life Cycle***

Data Science project life cycle is the process which has to follow from initiation phase to till the completion phase of the project.

The below diagram best describes the flow:

HLD

Data Analytics Team

LLD

Requirement Analysis and gathering

People involved in requirement analysis and gathering:

* Product/Project Manager
* Business Analyst

People involved in Data Analytics Team:

* Data Analyst
* Data Scientist
* Big Data Engineer
* Cloud Engineer

Data-the data analytics teams gets data either of below three source;

Web Scrapping

3rd party API’s

Internal data base

MySQL, Oracle

Data Base

Big Data Engineering Team

No Sql (Mongo Db, Casandra)

Feature Engineering

EDA

Hyper parameter Training

Model Training

Feature Selection

Deploying

**Hyper parameter**- Improve the performance of the model.

**Model Training**-Training with Machine Learning Algorithm.