**Project Schedule**

Session-1: Introduction to the Project Requirements (23rd Sept)

* Project Overview
* Understanding the Project Objective

Session-2: Data Preparation, Pre-processing, and Feature Selection (29th Sept)

* We will get hands on experience how to clean messy data and make it ready for model.
* Techniques for Feature Selection
* Exploring how to handle missing data, outliers, and categorical data.
* Presentation in the class

Session-3: Exploratory Data Analysis (6th Oct.)

* Understanding each variable and look at how it impacts target variable.
* We will be using visuals and graphs.
* We will be doing some statistical test under this.
* Presentation in the class

Session-4: Model Building: (13th Oct.)

* Model Selection and evaluation
* Understanding the metrics that needs to be used.
* Presentation in the class

Session-5: Hyper Parameter Tuning and Model Evaluation (20th Oct.)

* We will be tuning parameters for the model to get the best model and avoid overfitting.
* Conclusion
* Presentation in the class.

Session-6: Final Presentation & Submission (27th Oct)

* Final Submission of code
* Final Presentation & submission

**Project Guidelines**

**Students will be divided in groups**

**Each group will have one team leader**

**Every week you require to give the presentation of your work as well show your code**

**Every team member of the group will have to contribute in the project**

**Every team leader has to submit their work file on my mail on every Saturday**

**My mail id is dayanand@techstack.in**

**Project meeting will be done on Sunday from 10:30-12:00**