



Session Plan Day 1

Introduction to Data Science

Learning Outcomes

- To meet the mentor, introduce yourselves and get the right expectations set regarding the learning journey.
- To understand how the sessions would work and what the learning journey would be.
- Get a basic flavour of what ML is.

Prerequisites for the Student

- Go through the concept Introduction to Data Science (part of the pre-work)

Student Activities

- **Discussion with the mentor on the below topics:**
 - What is Data Science?
 - What is Machine Learning & how is it related to Data Science?
 - Artificial Intelligence vs Machine Learning vs Deep Learning - What's the difference?
 - End-to-end mapping of a Data Science project.
 - Use cases of Data Science.
- **Questions and Discussion on doubts - AMA**

Next Session

- **Concept - Getting Started with Python**
- **Key topics to be highlighted - more time and importance would be spent on the below topics w.r.t Data Science.**
 - **Data Structures in Python**
 - **Operators in Python**