



## ML Workshop Course Content

Techfest is the annual science and technology festival of IIT Bombay. Following is the basic outline of the **in-person** workshop that would be happening at **Techfest in IIT Bombay**

### Session 1

- Introduction
- What Is Machine Learning?
- Types of Machine Learning
- Installing Python and Anaconda (Windows OS)

### Session 2

- Python for Machine Learning
- Python Basics – Types, Variables, Strings & Expressions
- Data Structure – List, Tuple, Dict
- Functions with multiple arguments
- Library – Import, Understand, Apply

### Session 3

Introduction to various libraries of Python

- Numpy
- Pandas
- Matplotlib
- Scikit learn

**Activity: Working on various datasets (related to the above projects)**