

Machine Learning

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

Session 4

Projects

- Salary Prediction

- House Price Prediction

- Working on Image Classification of Digits

- Load Datasets from Libraries

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