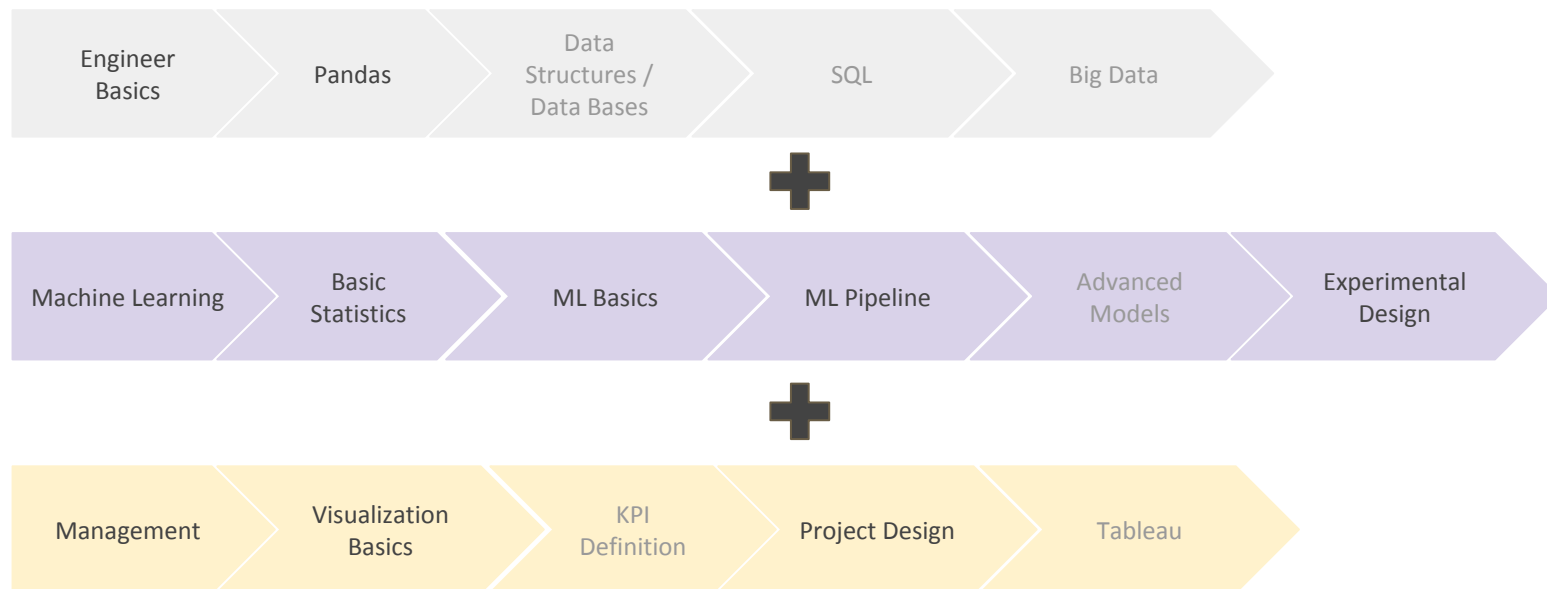

Machine Learning with Python

Practice

Course Overview



Goal of the class

1. Choose one of the suggested problems
2. Model the ML Pipeline
3. Code it in python

Problems

Problem 1: Bank Marketing

Brief description:

Dataset link: <https://archive.ics.uci.edu/ml/datasets/bank+marketing>

Problem 2: House Pricing

Brief description:

Dataset link: <https://www.kaggle.com/ananthreddy/housing>

Guidelines

Concept Development

- ✓ What is the business question to answer?
- ✓ What do we want to predict?
- ✓ Which data is available?
- ✓ What type of problem is it?

Data Exploration

- ✓ Is the data clean?
- ✓ Is there enough data?
- ✓ Is the data balanced?
- ✓ How much training data is there?

Prototype the Machine Learning Pipeline

Write the ML pipeline in python

Some Hints

Machine Learning Wrap-up class (week 6): [Slides](#)

Scikit-learn cheatsheet: [Image](#)