

Project Design Phase-II

Functional Requirements:

Date	13/10/2022
Team ID	PNT2022TMID23263

Project Name

Analytics For Hospitals' Health-Care Data

Languages and Packages

Python



Numpy



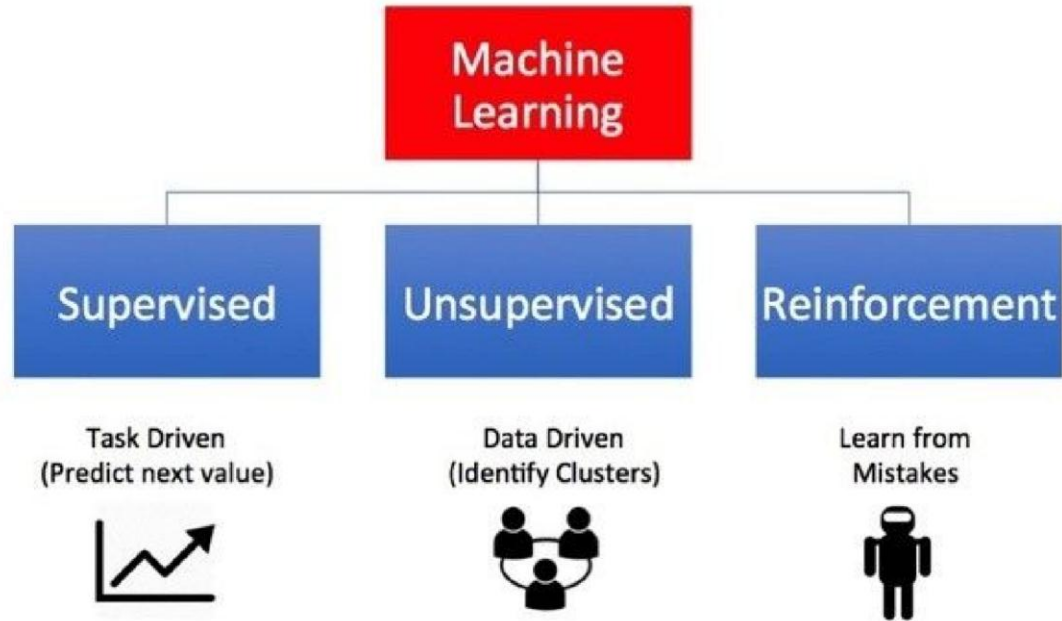
Matplotlib



Scikit learn



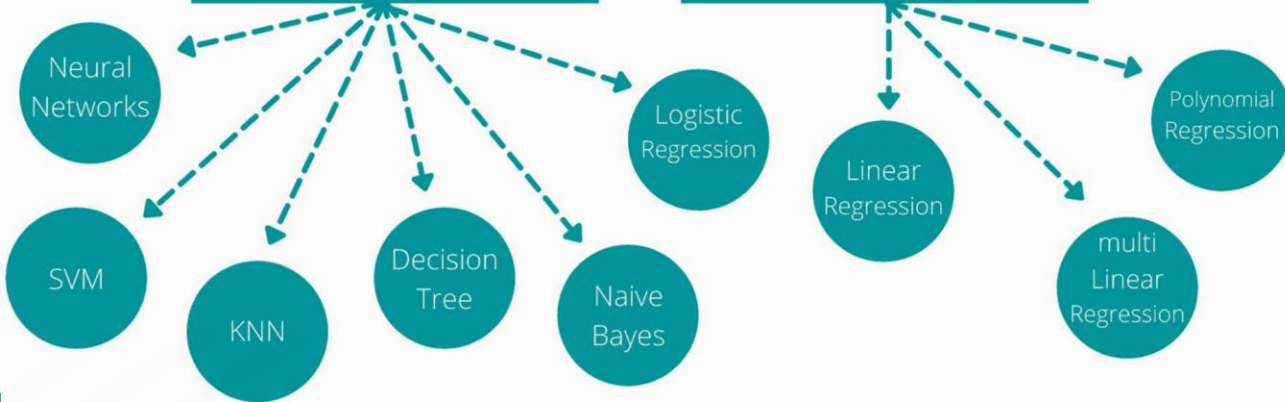
Types of Machine Learning



Supervised Learning algorithms

Classification algorithm

Regression algorithms



Unsupervised Learning

```
graph TD; A[Unsupervised Learning] --> B(Clustering); A --> C(Association);
```

The diagram illustrates the components of Unsupervised Learning. At the top, a blue rectangular box labeled 'Unsupervised Learning' has two arrows pointing downwards to two ovals. The left oval is green and labeled 'Clustering', and the right oval is orange and labeled 'Association'.

Clustering

Association