

Project Design Phase-II

Functional Requirements:

| | |
|---------------------|--|
| Date | 13/10/2022 |
| Team ID | PNT2022TMID37553 |
| Project Name | Analytics For Hospitals' Health-Care Data |

Languages and Packages



Python



Numpy

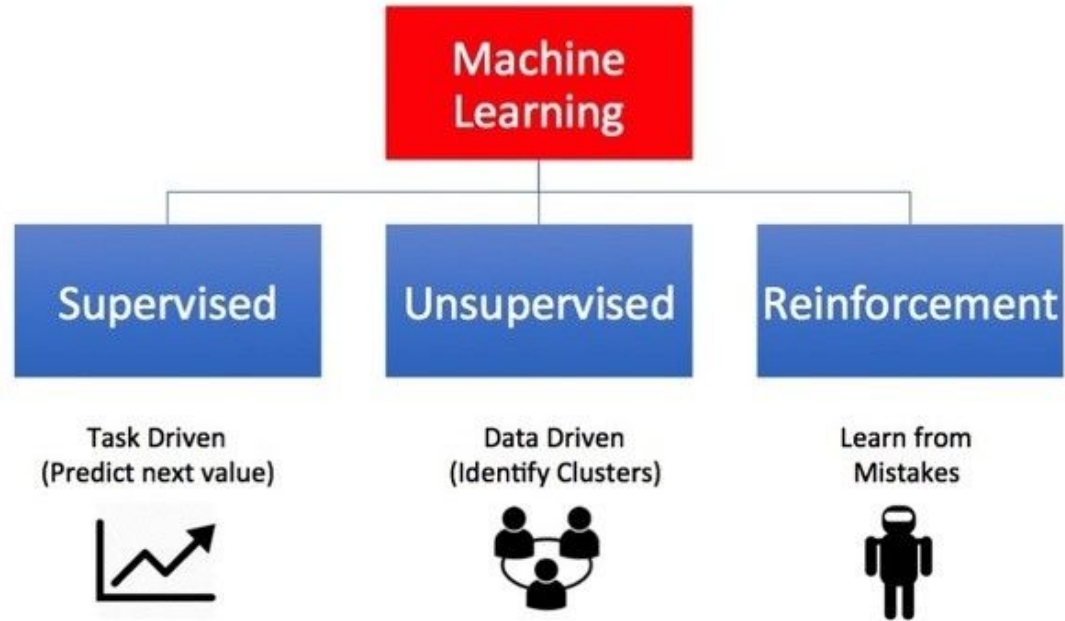


Matplotlib



Scikit learn

Types of Machine Learning



Supervised Learning algorithms

Classification algorithm

Regression algorithms

Neural
Networks

SVM

KNN

Decision
Tree

Naive
Bayes

Logistic
Regression

Linear
Regression

multi
Linear
Regression

Polynomial
Regression

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 contains the text 'Unsupervised Learning'. Two arrows originate from the bottom of this box, pointing downwards and outwards to two separate ovals. The oval on the left is green and contains the text 'Clustering'. The oval on the right is orange and contains the text 'Association'. The entire diagram is set against a white background with decorative blue and green diagonal stripes in the corners.

Clustering

Association