

# Supervised\_Learning

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graph TD; A[Supervised_Learning] --> B[Clustering]; A --> C[Regression]; B --> D["• Naïve_bayes_classifier<br>• Decisition_tree<br>• Support_vector_machi<br>ne(SVM)<br>• Random_forest<br>• K_nearest_neighbours"]; C --> E["• Linear_regression<br>• Neural_Network_regression<br>• Support_vector_regression<br>• Decisition_tree_regression<br>• Lasso_regression<br>• Ridge_regression"];
```

## Clustering

- Naïve\_bayes\_classifier
- Decisition\_tree
- Support\_vector\_machi  
ne(SVM)
- Random\_forest
- K\_nearest\_neighbours

## Regression

- Linear\_regression
- Neural\_Network\_regression
- Support\_vector\_regression
- Decisition\_tree\_regression
- Lasso\_regression
- Ridge\_regression