

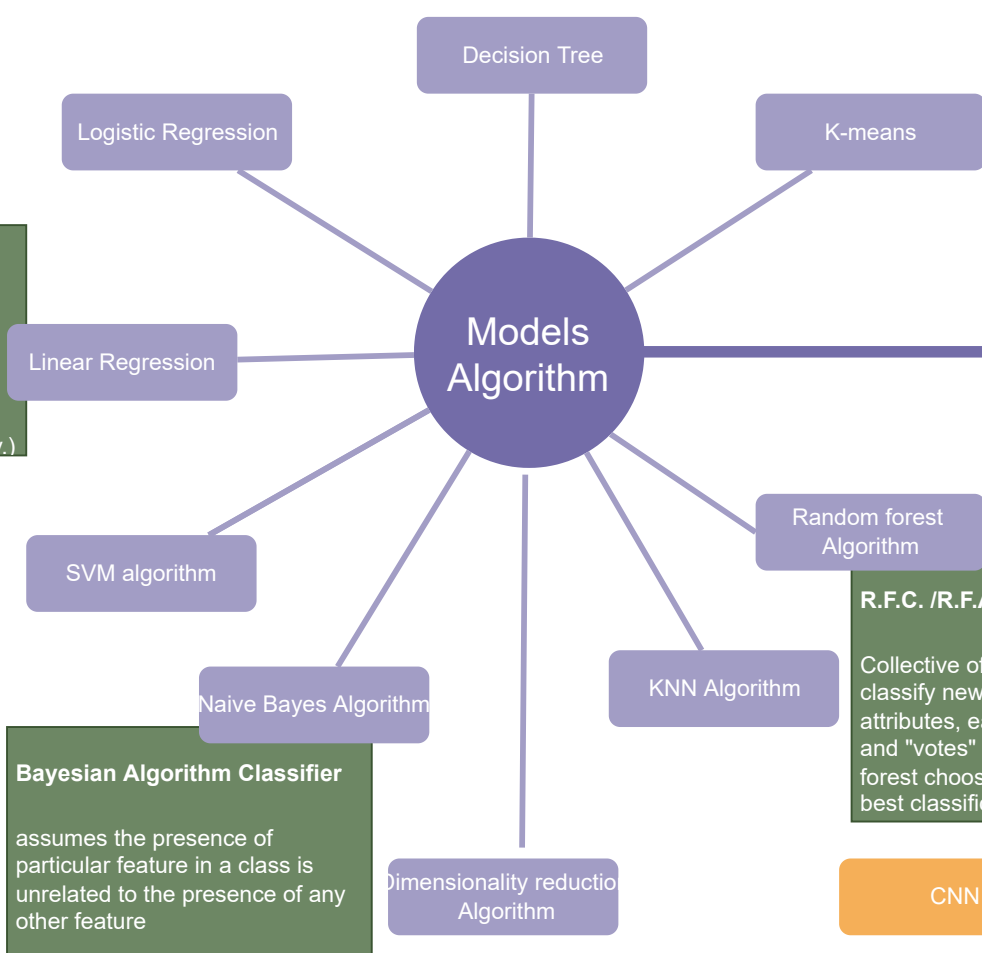
## Big Data

Computational capability + time

Transfer learning



Subset



**Linear Regression**

Models a target prediction value on independent variables;  
Variables - Forecasting;  
Independent variables(exogenous, predictor v.)

**Support Vector Machine**

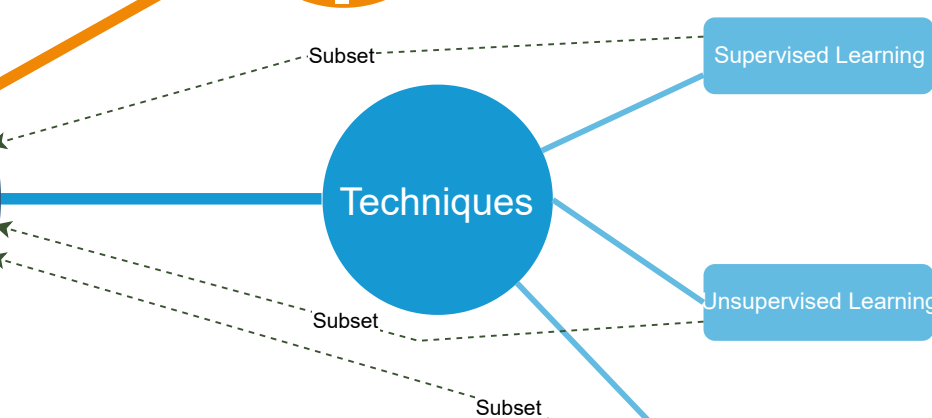
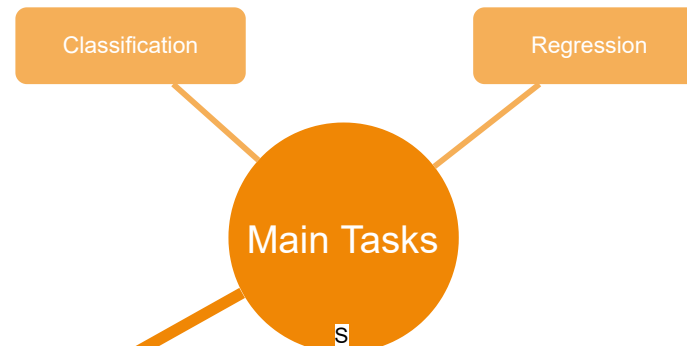
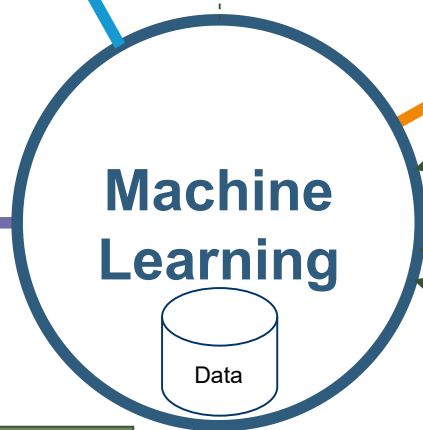
Plot raw data as points in n-dimensional space(n=no. of features) Value of features tied to particular coordinate, making it easy to classify data

**Bayesian Algorithm Classifier**

assumes the presence of particular feature in a class is unrelated to the presence of any other feature

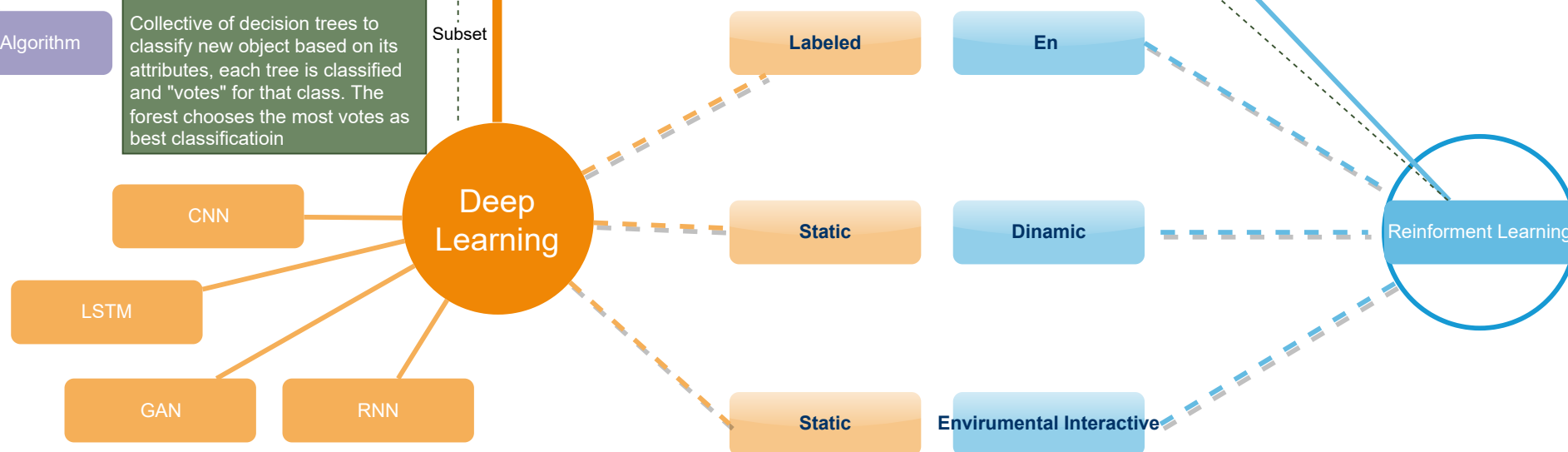
**R.F.C. /R.F.A.**

Collective of decision trees to classify new object based on its attributes, each tree is classified and "votes" for that class. The forest chooses the most votes as best classification



Dataset
Labeled(train&test)
D points with features
Attempt to label new D

Dataset
Unlabeled
Organize D on its own based on features of the
NO TT



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Welcome for any comments and questions