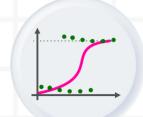
Supervised Learning



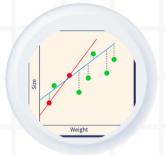
Support Vector Machine



Logistic Regression



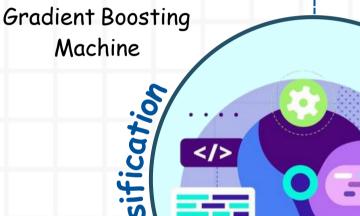
Linear Regression



Ridge Regression



Neural Networks





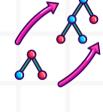
Polynomial Regression



Decision Tree



Random Forest



ElasticNet





K-Nearest Neigbours



Lesso Regression



Unsupervised Learning



K-Means Clustering



DBSCAN



Hierarchical Clustering



Gaussian Mixture Models



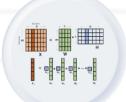
Mean Shift Clustering



Kernel Density Estimation



Gaussian Misture Models



Non-Negative Matrix Factorization (NMF)



Spectral Clustering







Independent Component Analysis



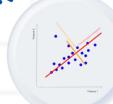
Factor Analysis



Birch



Anamoly Detection



Principal Component Analysis



UMAP



One-Class SVM



Elliptic Envelope



t-SNE



Isolation Forest



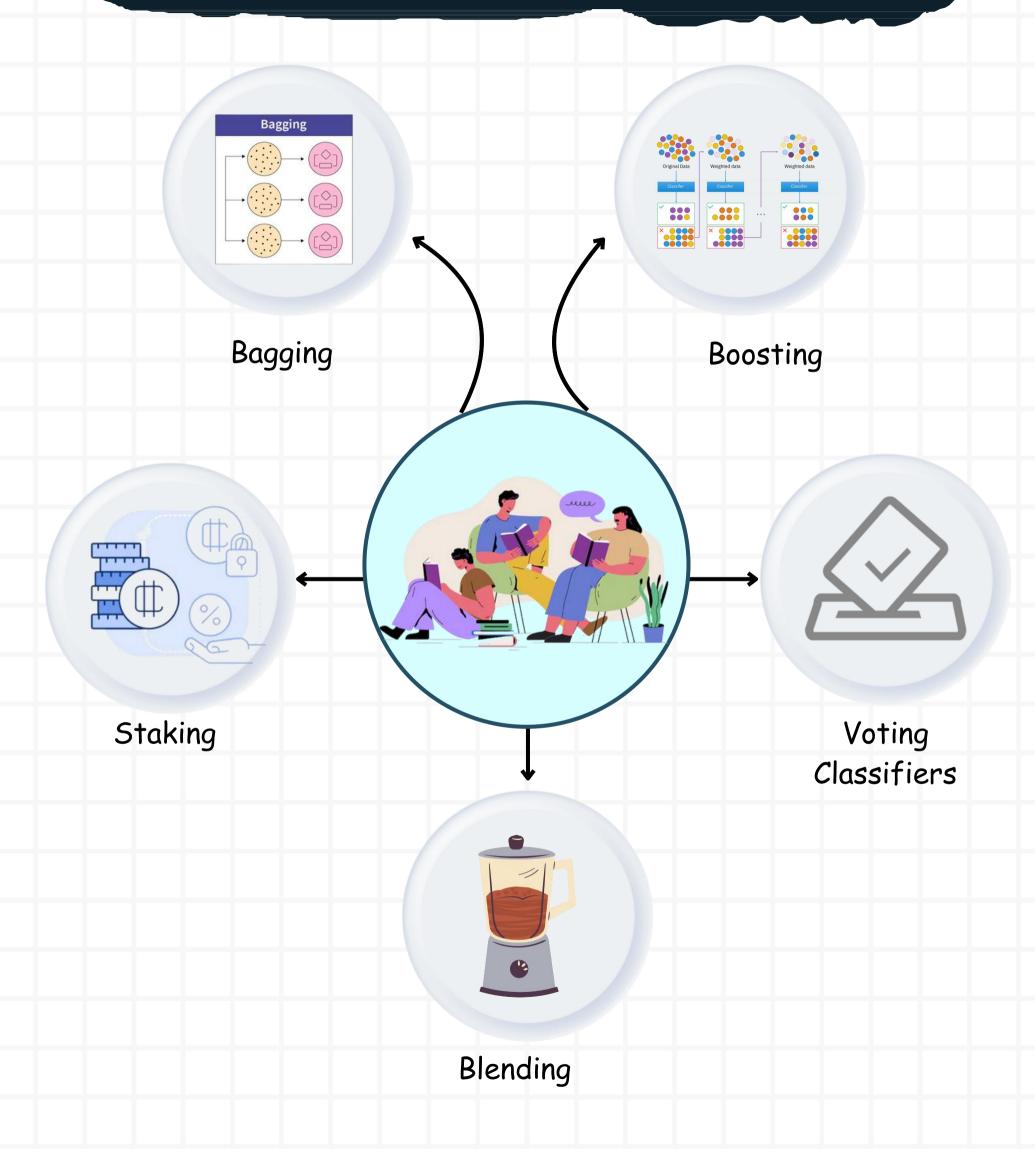
Local Outlier Factor

Semi-Supervised Learning

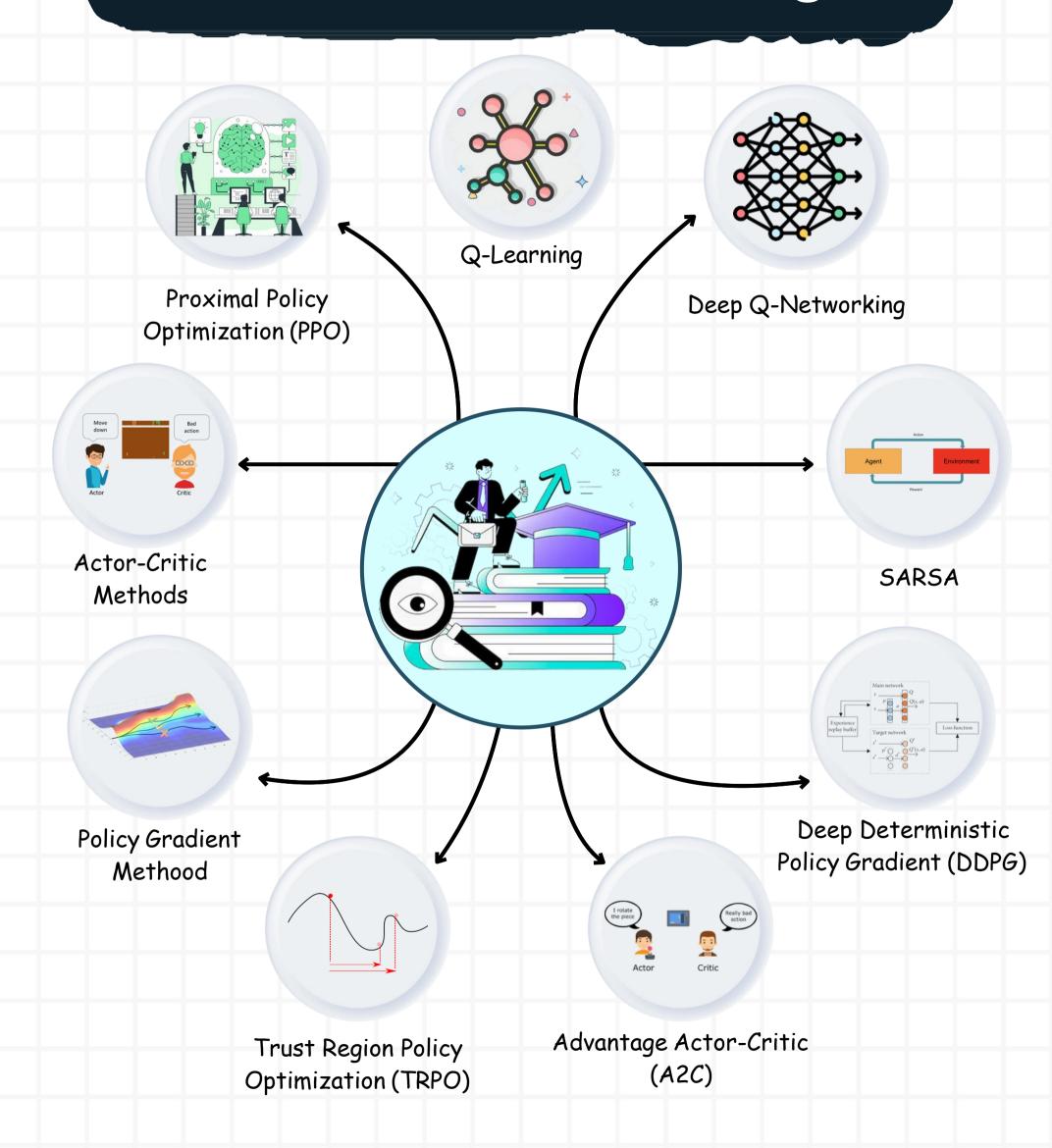


Semi-Supervised SVM

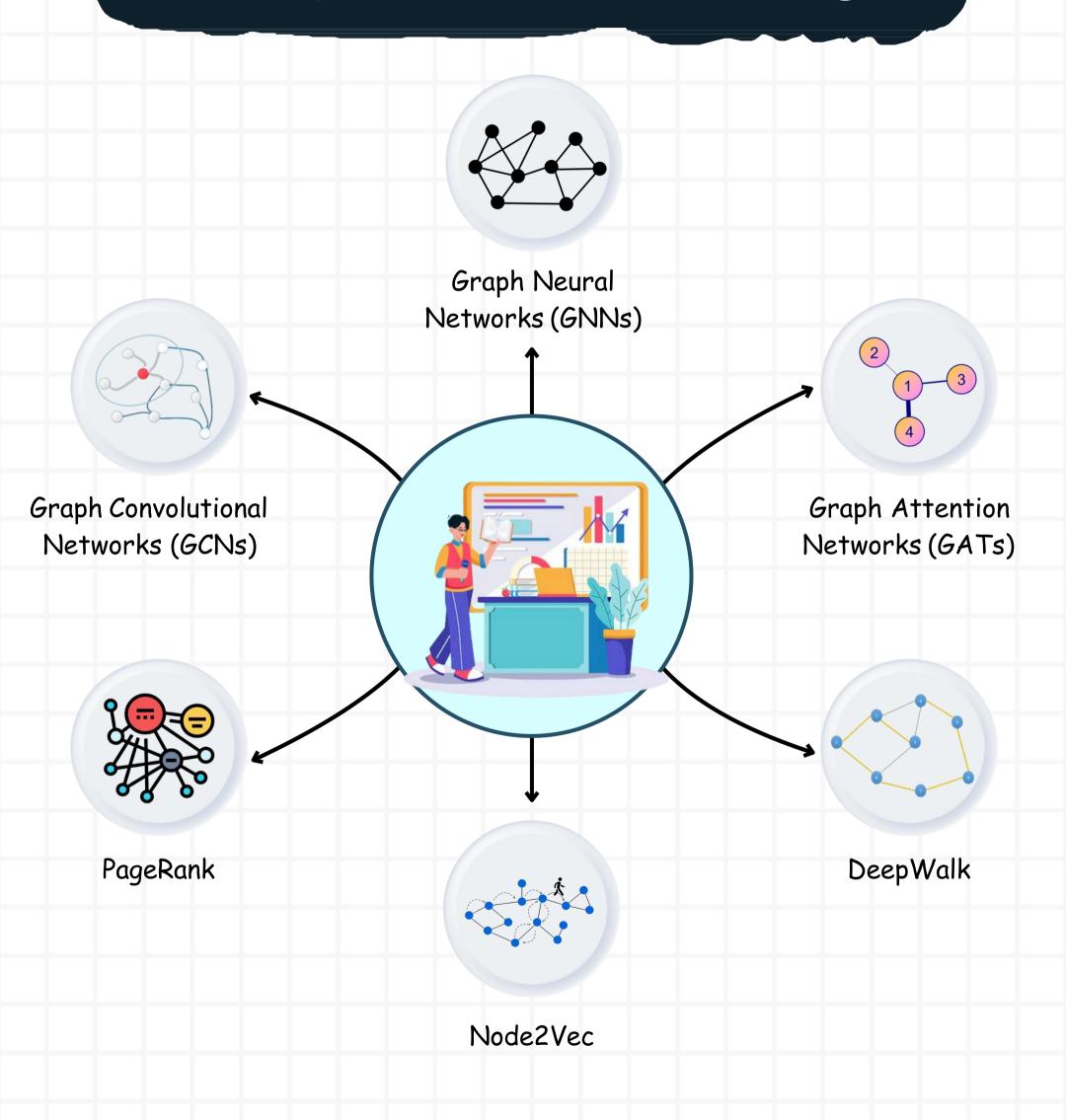
Ensemble Learning



Reinforced Learning



Graph-Based Learning



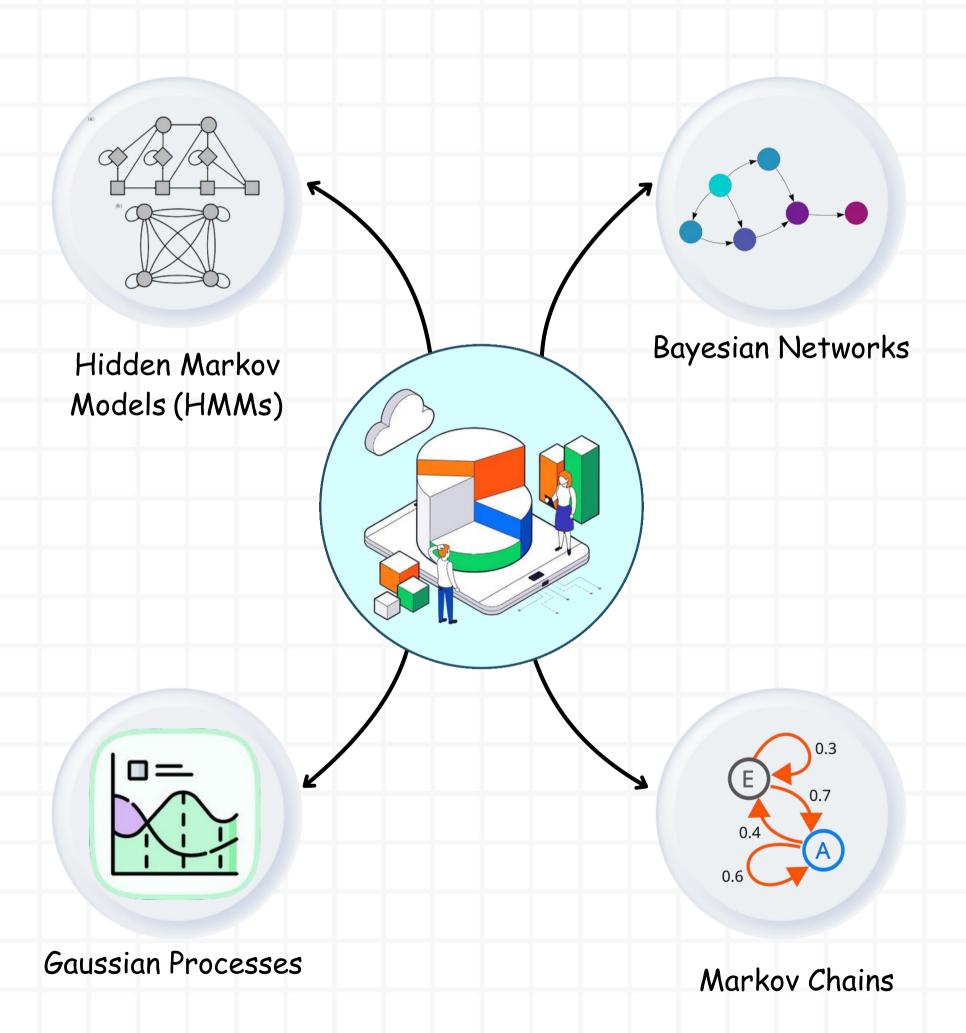
TIme series analysis



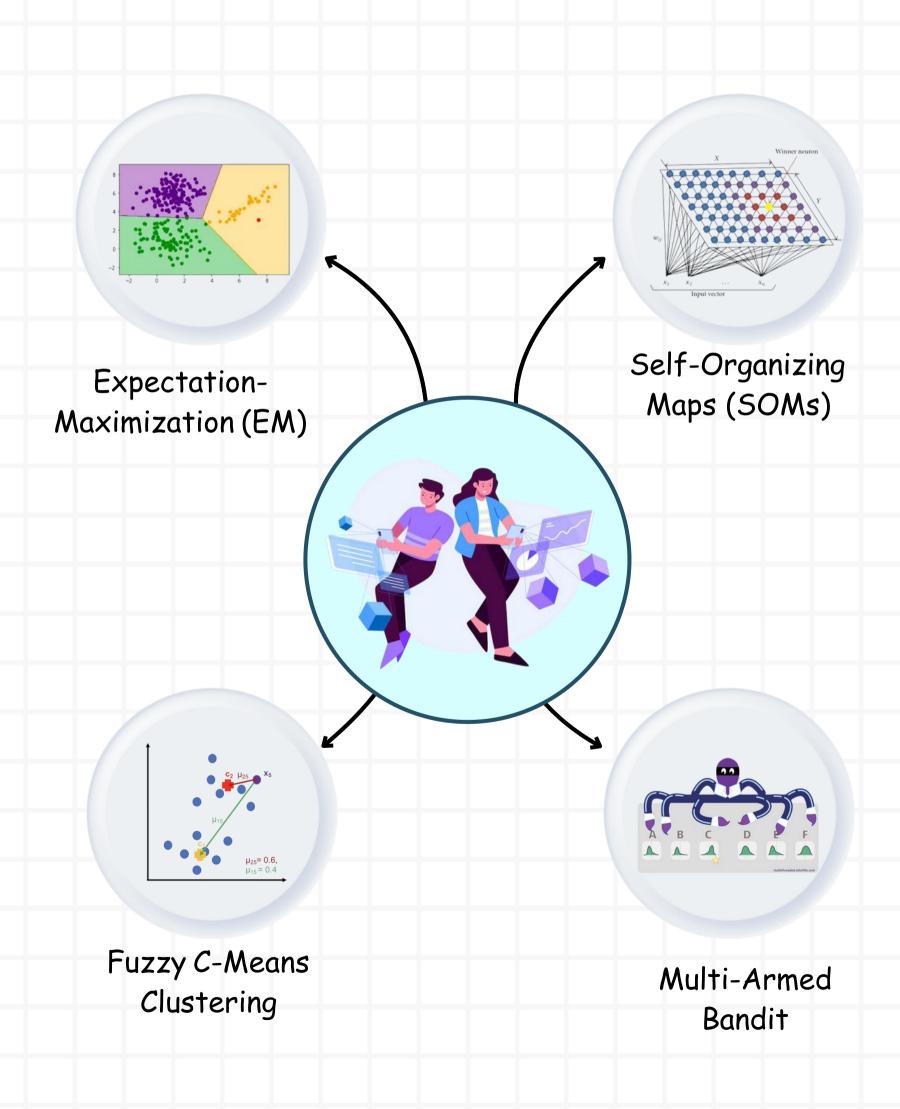
Evolutionary algorithms



Probabilistic Models



Specialized Algorithms



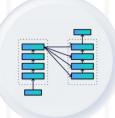
Deep Learning



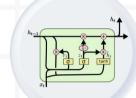
Feedforward Neural Networks (FNN)



Long Short-Term Memory Networks (LSTMs)



Transformers



Gated Recurrent

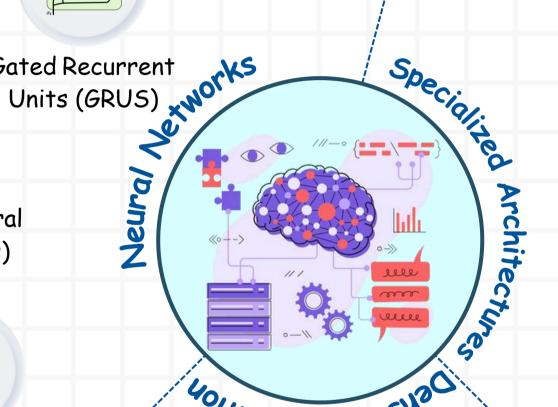


Autoencoders

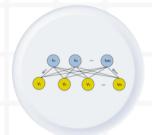
Convolutional Neural Networks (CNNs)



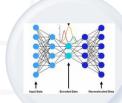
Recurrent Neural Networks (RNNs)



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Restricted Boltzmann Machines (RBMs)



Variational Autoencoders (VAEs)



Generative Adversarial Networks (GANS)