

# 机器学习

## 频率派 (统计机器学习)

正则化: L<sub>1</sub>, L<sub>2</sub>

核化: Kernel, SVM

集成化: AdaBoost, RandomForest

层次化 (Network) + Deep

MLP: Multi-layer-Perceptron

Autoencoder

CNN

RNN

GNN

Deep Neural Network

Deep Learning

## 贝叶斯派 (PGM)

有向图: Bayesian Network

无向图: Markov Network

混合图: Mixed Network, 有向 + 无向

+ Deep

Deep Directed Network

Deep Boltzmann Machine

Deep Belief Network

Sigmoid Belief Network

VAE: Variational Auto Encoder

GAN

Deep Generative Network