Machine Learning Summary

Signal Data Science

Regression

Ordinary linear regression

Stepwise linear regression

Regularized linear regression

K-Nearest Neighbors

Multivariate adaptive regression splines

Decision trees

Random forests

Gradient boosted trees

Cubist

Other

Classification

Naive Bayes

Logistic regression

Regularized logistic regression

Discriminant analysis

Perceptrons

Support vector machines

Decision tree methods

Other

Dimensionality reduction

Principal component analysis

Factor analysis

Alternating least squares