		Algorithms
Supervised Machine Learning	**Regression Algorithms**	1 Linear Regression 2 Ridge / Lasso Regression 3 Logistic Regression 4 Nonlinear Regression 5 Generalized linear model 6 Decision Tree 7 Neural Networks 8 Gaussian Process Regression 9 Support Vector Machine Regression 10 Ensemble Regression
	Classification Algorithms	1 Logistic Regression 2 Support Vector Machine (SVM) 3 Naïve Bayes classifier 4 Decision Tree 5 Discriminant Analysis 6 Know Nearest Neighbors (KNN) 7 Ensemble Classification 8 Generalized Additive Model (GAM)
Unsupervised Machine Learning	**Clustering Algorithms** **1.Hard Clustering** **2.Soft Clustering**	1 K-Mean Clustering 2 KNN (k- Nearest Neighbors) 3 Hierarchal clustering 4 Anomaly Detection 5 Neural Networks 6 Principle Component Analysis 7 Independent Component Analysis 8 Apriori Algorithm 9 Singular Value Decomposition