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| --- | --- |
| Radial Basis Function | Text  Description automatically generatedDiagram  Description automatically generated |
| Hard margin SVM | A picture containing whiteboard  Description automatically generatedText, letter  Description automatically generatedDiagram  Description automatically generated with medium confidenceText  Description automatically generated |
| Soft margin SVM slack variable |  |
| LLE | Diagram, schematic  Description automatically generated |
| Silhouette Index  Internal | A picture containing text, clock, watch  Description automatically generated |
| Rand Index External | a+b agree, c+d disagree |
| Perceptron Algorithm |  |
| K-Means | A picture containing text, clock, watch  Description automatically generatedText  Description automatically generatedDiagram  Description automatically generated with medium confidence |
| Multiple linear regression | Chart  Description automatically generated with medium confidence |
| Objective Function, error back propagation, update | Text, letter  Description automatically generated |
| Polynomial basis function | A picture containing diagram  Description automatically generated |
| Activation Functions  (Sigmoid, tanh, ReLU, Leaky ReLU, ELU, SELU, Softplus) | Diagram  Description automatically generated with medium confidence |
| Cross-Entropy | Text  Description automatically generated |
| Stochastic Gradient descent, momentum | A picture containing text, clock  Description automatically generatedText  Description automatically generated |
| Convolution |  |
| Multiple linear regression | Chart  Description automatically generated with medium confidence A picture containing text, watch  Description automatically generated |
| Objective Function, learning algorithm | Text  Description automatically generated |
| Polynomial basis function | A picture containing diagram  Description automatically generated |
| Ridge, Lasso, Elastic Net | Diagram, schematic  Description automatically generatedText  Description automatically generatedDiagram, schematic  Description automatically generatedText, letter  Description automatically generated |
| Coefficient of Determination  (mean, sum of residuals, sum of squares) | A picture containing text, watch, clock, gauge  Description automatically generatedA picture containing text, watch, clock  Description automatically generatedDiagram  Description automatically generated with low confidence |
| Sigmoid Function | Diagram  Description automatically generated with medium confidence |
| Cross-Entropy | Text  Description automatically generated |
| Logistic Regression |  |
| Log Reg objective function | Diagram  Description automatically generated |
| Accuracy, error | Text  Description automatically generated with low confidence |
| Confusion Matrix and metrics | Table  Description automatically generatedLogo  Description automatically generated with medium confidenceText  Description automatically generated with medium confidenceText  Description automatically generated with low confidenceA picture containing text  Description automatically generatedChart, diagram  Description automatically generated |
| Softmax function | Text  Description automatically generated with medium confidence |
| Entropy, Gini Index, Classification Error, Information Gain | Schematic  Description automatically generated with low confidenceA picture containing diagram  Description automatically generatedText  Description automatically generated |