Neural Networks

Diagram

Description automatically generated

Diagram, schematic

Description automatically generated  
Multi Layered Perceptron or Artificial Neural Network

A picture containing sky, line, different, silhouette

Description automatically generated

Diagram

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Diagram, schematic

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Diagram

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Text

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Diagram

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<https://towardsdatascience.com/introduction-to-math-behind-neural-networks-e8b60dbbdeba>

<https://www.coursera.org/specializations/deep-learning#about>

# Gradient Descent

Diagram

Description automatically generated

1. Simple GD
2. Stochastic GD
3. Batch – Mini Batch GD
4. Momentum
5. Nesterov Momentum
6. Adagrad
7. Adam