**StartQuest With Josh Stamer**

## **Check the you tube channel: https://www.youtube.com/@statquest**

# **Videos Related To Neural Networks**

## **Machine Learning**

* Machine Learning
* Machine Learning Fundamentals: Bias and Variance
* Machine Learning Fundamentals: Cross Validation

## **Neural Networks**

* The Essential Main Ideas of Neural Networks
* Neural Networks / Deep Learning
* Attention for Neural Networks Clearly Explain
* Neural Networks Pt2. Backpropagation Main Ideas
* Neural Networks Pt3. ReLu in Action
* Neural Networks Pt4. Multiple Inputs and Outputs
* Neural Networks Pt5. ArgMax and SoftMax
* Neural Networks Pt6. Cross Entropy
* Neural Networks Pt7. Cross Entropy Derivatives and Backpropagation

## **Backpropagation**

* Backpropagation Details Pt1. Optimizing 3 parameters
* Backpropagation Details Pt2. Going Bonkers with the chain rule
* Recurrent Neural Network (RNNs) clearly explained.
* Long Short Term Memory

## **Additional Readings**

* The Chain Rule
* Gradient Descent
* Stochastic Gradient Descent
* R-square Clearly Explained
* Linear Regression Clearly Explained
* Multiple Regression Clearly Explained
* Logistic Regression
* Multiple Regression in R, Step by Step