**Hands-On Machine Learning Course Curriculum**

# Skip for now

Module 5: Math Basics for Machine Learning:

5.1. Linear Algebra

5.2. Calculus

5.3. Statistics

5.4. Probability

Module 7. Classification Models in Machine Learning:

7.1.1. Logistic Regression – Theory & Math

7.1.2. Logistic Regression – Building from Scratch

7.2.1. Support Vector Machines (SVM) – Theory & Math

7.2.2. Support Vector Machines (SVM) – Building from Scratch

7.3.1. Decision Tree Classification – Theory & Math

7.3.2. Decision Tree Classification – Building from Scratch

7.4.1. Random Forest Classification – Theory & Math

7.4.2. Random Forest Classification – Building from Scratch

7.5.1. Naive Bayes – Theory & Math

7.5.2. Naive Bayes – Building from Scratch

7.6.1. K-Nearest Neighbors – Theory & Basics

7.6.2. K-Nearest Neighbors – Building from Scratch

Module 8: Regression Models in Machine Learning:

8.1.1. Linear Regression – Theory & Basics

8.1.2. Linear Regression – Building from Scratch

8.2.1. Lasso Regression – Theory & Basics

8.2.2. Lasso Regression – Building from Scratch

8.3.1. Logistic Regression – Theory & Math

8.3.2. Logistic Regression – Building from Scratch

8.4.1. Support Vector Machine Regression – Theory & Math

8.4.2. Support Vector Machine Regression – Building from Scratch

8.5.1. Decision Tree Regression – Theory & Math

8.5.2. Decision Tree Regression – Building from Scratch

8.6.1. Random Forest Regression – Theory & Math

8.6.2. Random Forest Regression – Building from Scratch

Module 9: Clustering Models in Machine Learning

9.1.1. K-Means Clustering – Theory & math

9.1.2. K-Means Clustering – Building from Scratch

9.2.1. Hierarchical Clustering – Theory & Math

9.2.2. Hierarchical Clustering – Building from Scratch

# Skip for now

Module 10: Association Models in Machine Learning:

10.1.1. Apriori – Theory & Basics

10.1.2. Apriori – Building from Scratch

10.2.1. Eclat – Theory & Math

10.2.2. Eclat – Building from Scratch

Module 11: Machine Learning Projects with Python:

Project 1: Face Recognition system

Project 2: SONAR Rock vs Mine Prediction

Project 3: Diabetes Prediction with Python

Project 4: House Price Prediction with Python

Project 5: Fake News Prediction with Python

Project 6: Loan Status Prediction with Python

\*\*\***\*\* And More Project Videos Every Week\*\*\*\*\***

**SUBSCRIBE & STAY TUNED**

**ALL THE BEST!**