Keras is an open source Neural Network library written in python.

Tensorflow is an open source ML Framwork by google inc.

**AI is the science of making machines smart** — allowing them to learn, reason, and act like humans. We use AI to **automate**, **optimize**, and **solve complex problems** faster and better than traditional approaches.

Learning Path

Supervised

1. Linear Regression (Metrics- mse, r2)
2. Logistic Regression (Classification, Accuracy, Precision, Recall, F1, Cross Validation) – it is linear decision boundary, uses gradient descent for minimization
3. KNN Classifier(Optimal K value with cross validation, classification)
4. Naïve Bayes(Gaussian Naiye Bayes for classification, good )
5. Support Vector Machine(Operates even in infinite dimensions)