**K-Nearest Neighbor Algorithm:**

* KNN is classification algorithm, also known as KNN classifier
* In Machine learning, we mention data labels or classes while training the model
* Used mainly for Predictive decisions
* Euclidean distance is the best proximity measure that is used to find the distance between data points to find the best fit.

**How to predict the best value for K?**

* If you choose a large value of K, this will lead to a greater amount of execution time and will under fit the data.
* If you choose a small value of K, this will lead to over fitting.
* So, to find the best possible value of K, you need to iterate and then decide based on error rate.

