

# KNN

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## KNN- K Nearest neighbour

- A supervised algorithm used for both regression and classification
- A non linear model - can learn non linear relation b/w features and label/target
- Training speed: faster
- KNN model stores/memorizes the data, which makes trained KNN model very heavy/bulky
- As data size increases, KNN becomes lazy/slow at making predictions
- It works good with small data as well.
- KNN is also used to handle missing data imputation using ML