

# SUPERVISED MACHINE LEARNING K NEAREST NEIGHBOURS & NAIVE BAYES

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## COURSE DETAILS

- K Nearest Neighbours
  - What is KNN?
  - KNN Concept and Distance Measures
  - Lazy Learning
  - KNN Optimization Algorithms
  - Ball Tree and KD Tree
  - Advantages and Disadvantages
- Naive Bayes
  - Bayes Theorem
  - Naive Bayes Derivation
  - Naive Bayes Algorithms
  - Bernoulli, Multinomial and Gaussian Naive Bayes
  - Advantages and Disadvantages
- **PROJECTS**
  - Missing Value Imputation using KNN technique
  - Predictive Model Development using Naïve Bayes

**COURSE DURATION:**  
**04 hours**

**COURSE FEES:**  
**₹ 3000 ( + GST )**



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