

1. Find the best parameters for K-means & DB-scan clustering algorithms for breast_cancer data.
 - Make sure supervised metrics accuracy should be >70%
 - Compare and note down which algorithm works better for this dataset?

2. Find the best parameters for K-means & DB-scan clustering algorithms for wine data.
 - Make sure supervised metrics accuracy should be >70%
 - Compare and note down which algorithm works better for this dataset?

3. Find the following best parameters with > 95% accuracy for MLP model for the housing dataset using `fetch_california_housing()`
 - Number of hidden layers
 - Best activation function
 - Best Regularization parameters L1 or L2
 - Best learning rate
 - Best optimization solver

4. Find the following best parameters with > 95% accuracy for MLP model for MNIST hand-written dataset using Grid search.
 - Number of hidden layers
 - Best activation function
 - Best Regularization parameters L1 or L2
 - Best learning rate
 - Best optimization solver

5. Find the following best parameters with > 97% accuracy for SVM model for Iris dataset using Grid search.

- C
- Kernel
- Regularization
- Compare with Logistic Regression accuracy

6. Find the following best parameters with > 97% accuracy for SVM model for MNIST hand-written dataset using Grid search.

- C
- Kernel
- Regularization

7. Find sentiment of the movie reviews using Naive Bayes algorithm

8. Find sentiment of the movie reviews using MLP algorithm