Project Plan

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Week1-Week2 Background knowledge collecting

2. Talk with supervisor to get deep understanding of the project, the goal and the motivation.

Week3 Presentation
Prepare for the primitive presentation.

Week4 Mathematical Proof
1. Deduct basic algorithm formula.
2. Test what kinds of hyperparameter should be considered in the project.

Week5-6 Establish project framework
1. Implement baseline classifiers.
2. Prepare testing data.
3. Try to use WEKA API and read documentation.

Week7-8 Implementation and Evaluation
1. Implement Bayesian Model Averaging for Naive Bayes algorithm
2. Test the algorithm on different data sets
3. Use matlab to make comparison Chart

Week9-11 Writing up report
1. Write and modify the report

Week 12 final Presentation
Prepare for final Presentation.