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PROBLEM STATEMENT

- Flight delay is inevitable and it plays an important role in both profits and loss of the airlines.
- An accurate estimation of flight delay is critical for airlines because the results can be applied to increase customer satisfaction and incomes of airline agencies.
- This project proposes a model for predicting flight delay based on Deep Learning (DL). DL is one of the newest methods employed in solving problems with high level of complexity and massive amount of data.

Big Idea

K-
Nearest
Neighbor

2
Random
Forest

1
Support
Vector
Machine

1
Decision
Tree

1
Logistic
Regression

Remaining
data
repeatedly

3
Gradient
Boosted
Tree

Implementing
hardware for
predicting

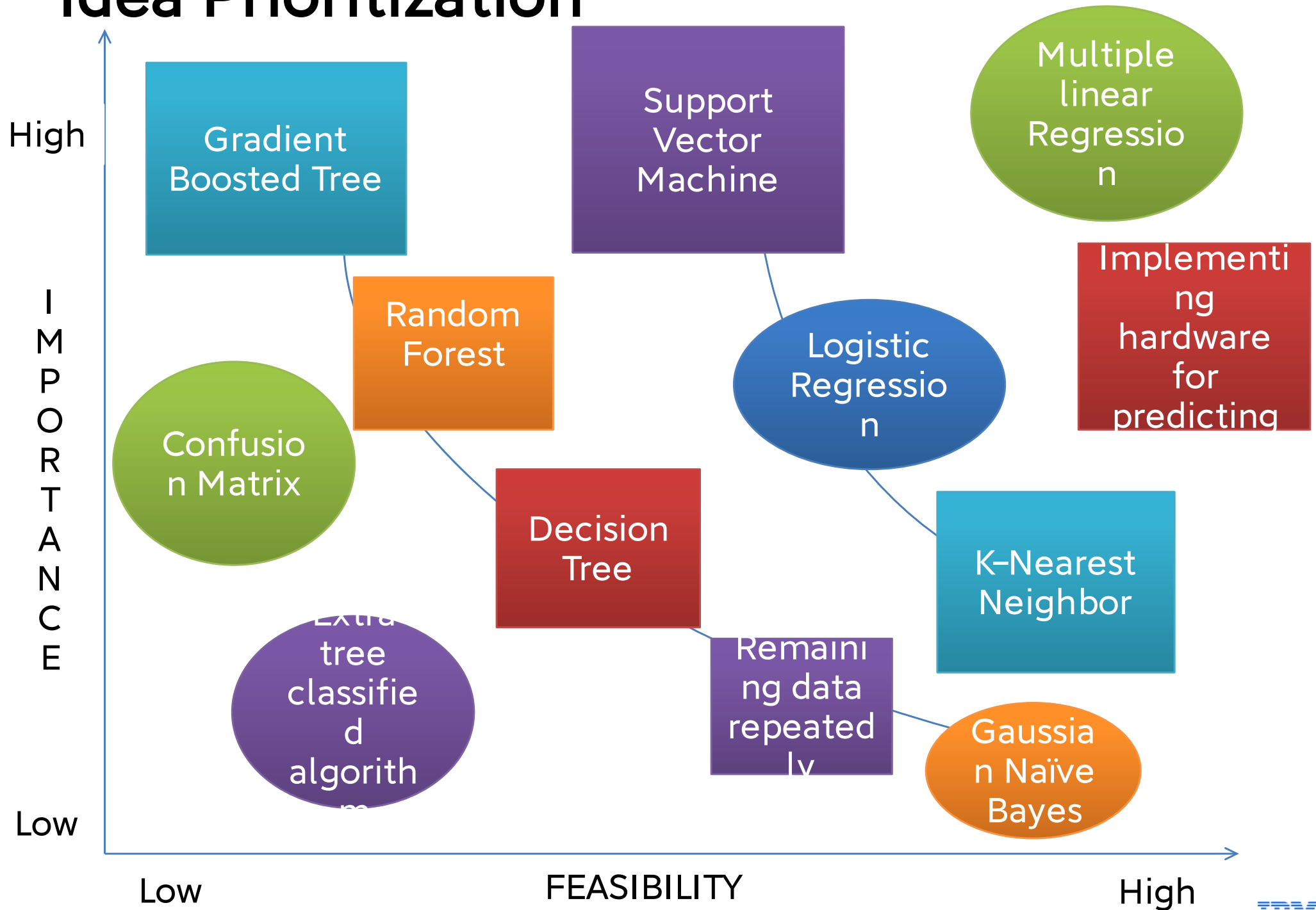
Confusion
Matrix

Gaussian
Naïve
Bayes

Multiple
linear
Regression

Extra
tree
classified
algorithm

Idea Prioritization



TEAM MEMBERS

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THANK YOU

