

Machine Learning Model Pipeline Model Building

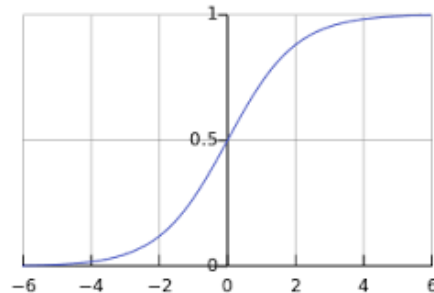


Machine Learning Model Building

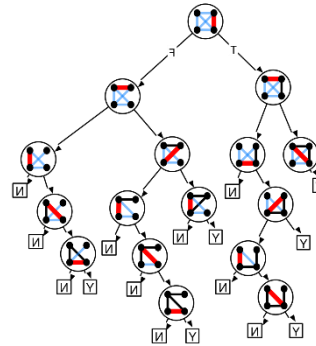
DATA



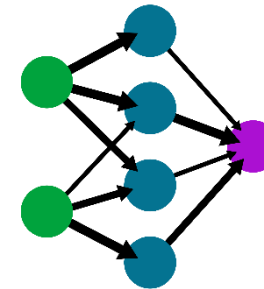
Prediction



Linear Models
Logistic Regression
MARS

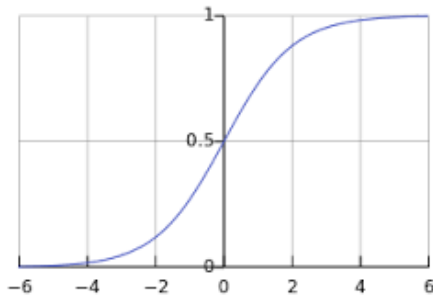


Tree Models
Random Forests
Gradient Boosted Trees



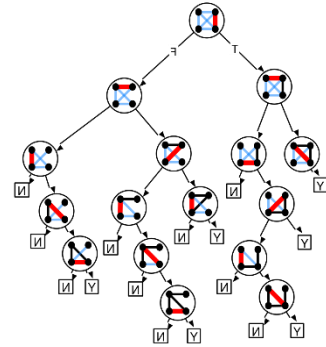
Neural Networks

Machine Learning Model - Performance



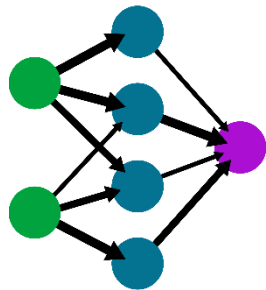
Linear Models

Logistic Regression
MARS



Tree Models

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Neural Networks

- **ROC-AUC**

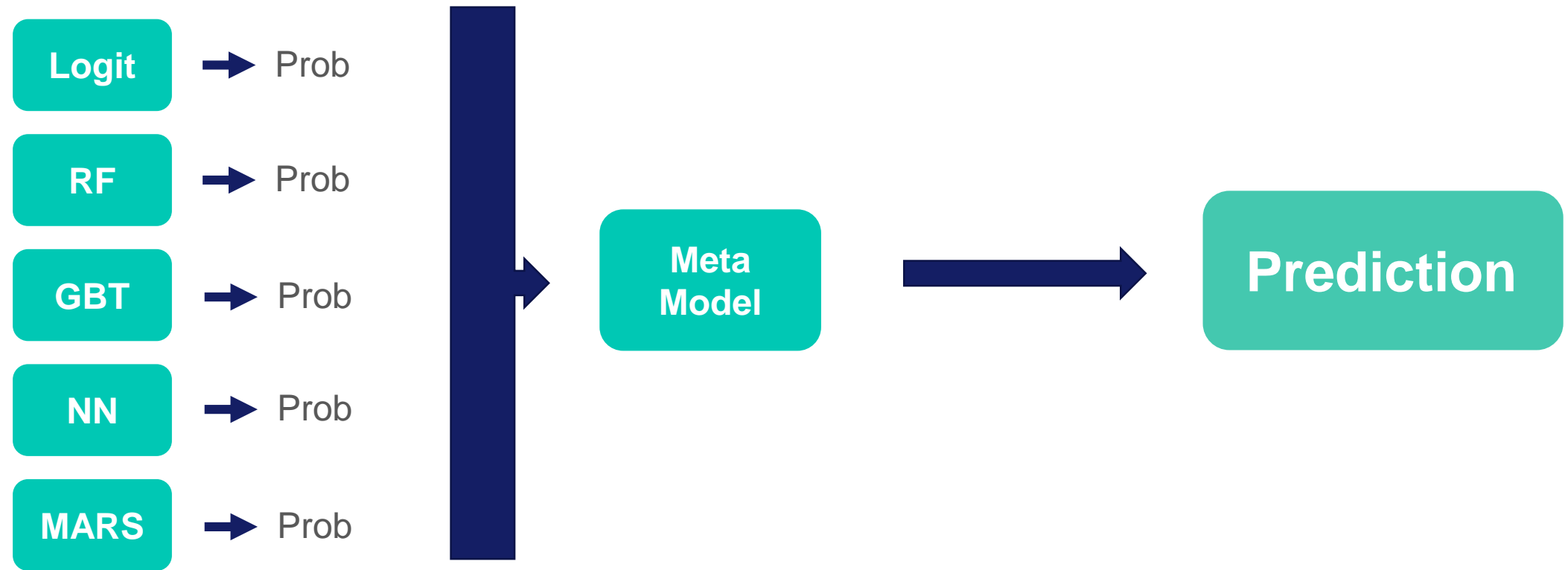
- For each probability value:

- How many times the model made a good assessment
- How many times the model made a wrong assessment.

- **Accuracy**

- **MSE, RMSE, etc**

Model Stacking – Meta Ensembling



Model Deployment

