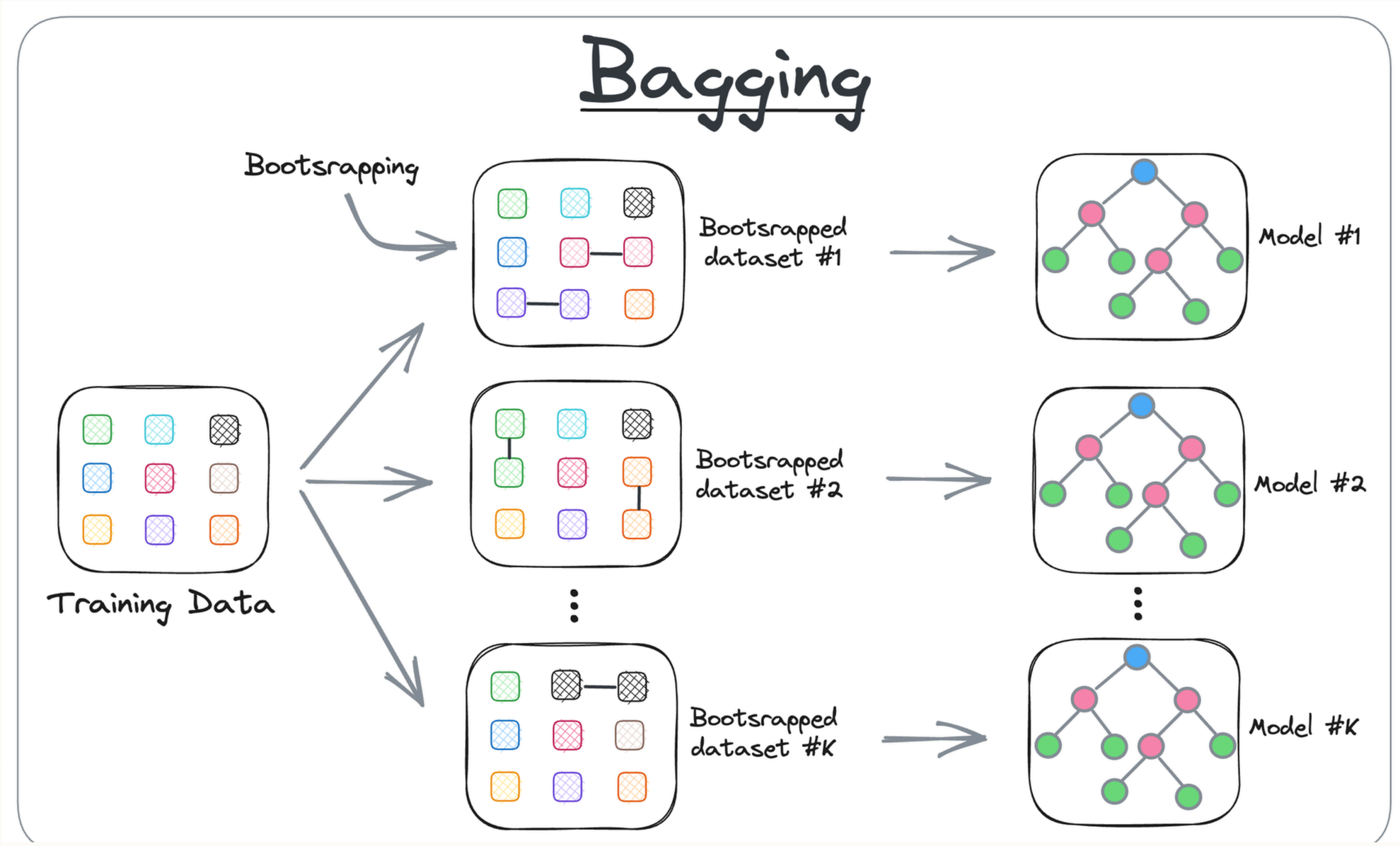
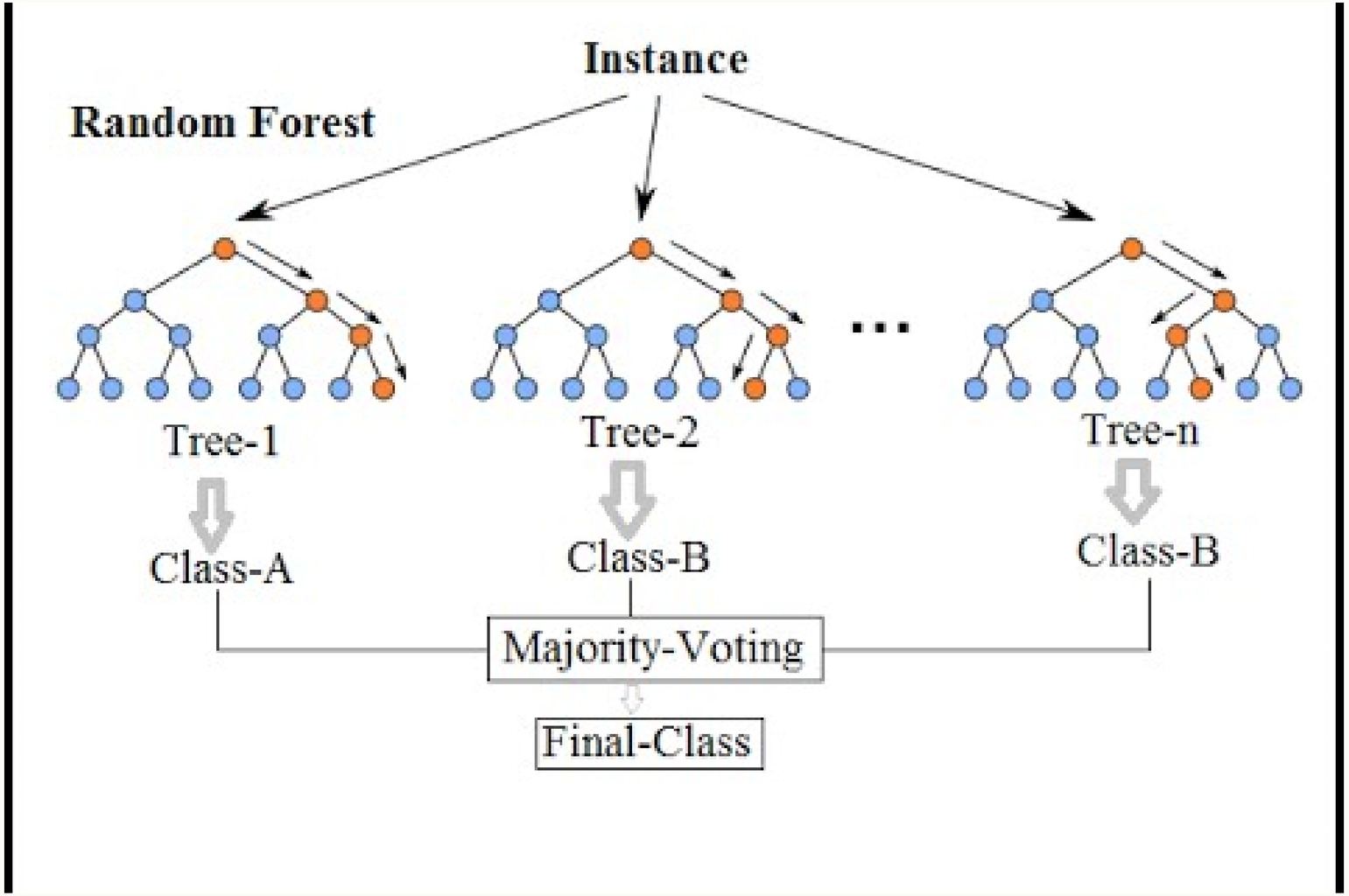
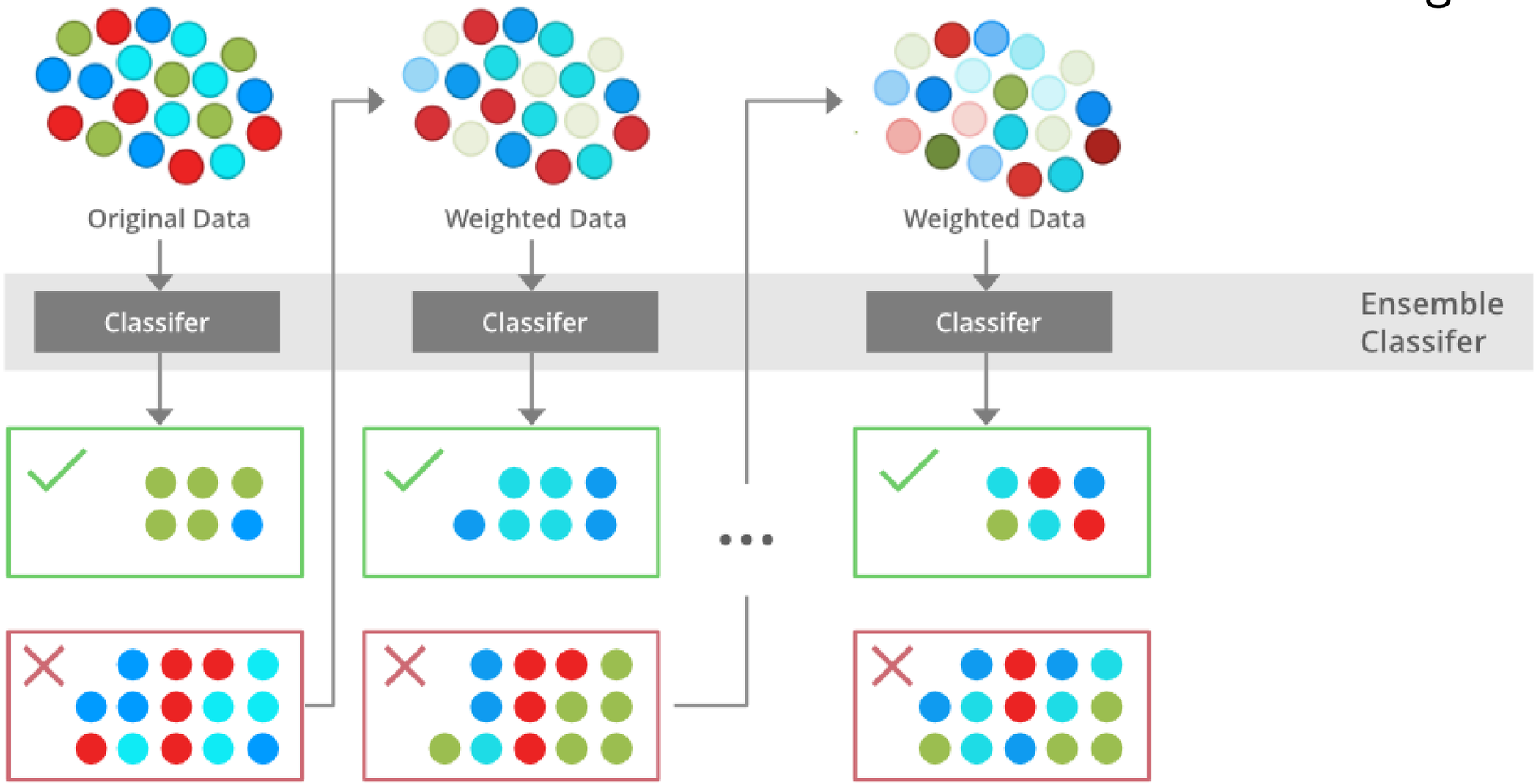
LÝ THUYẾT

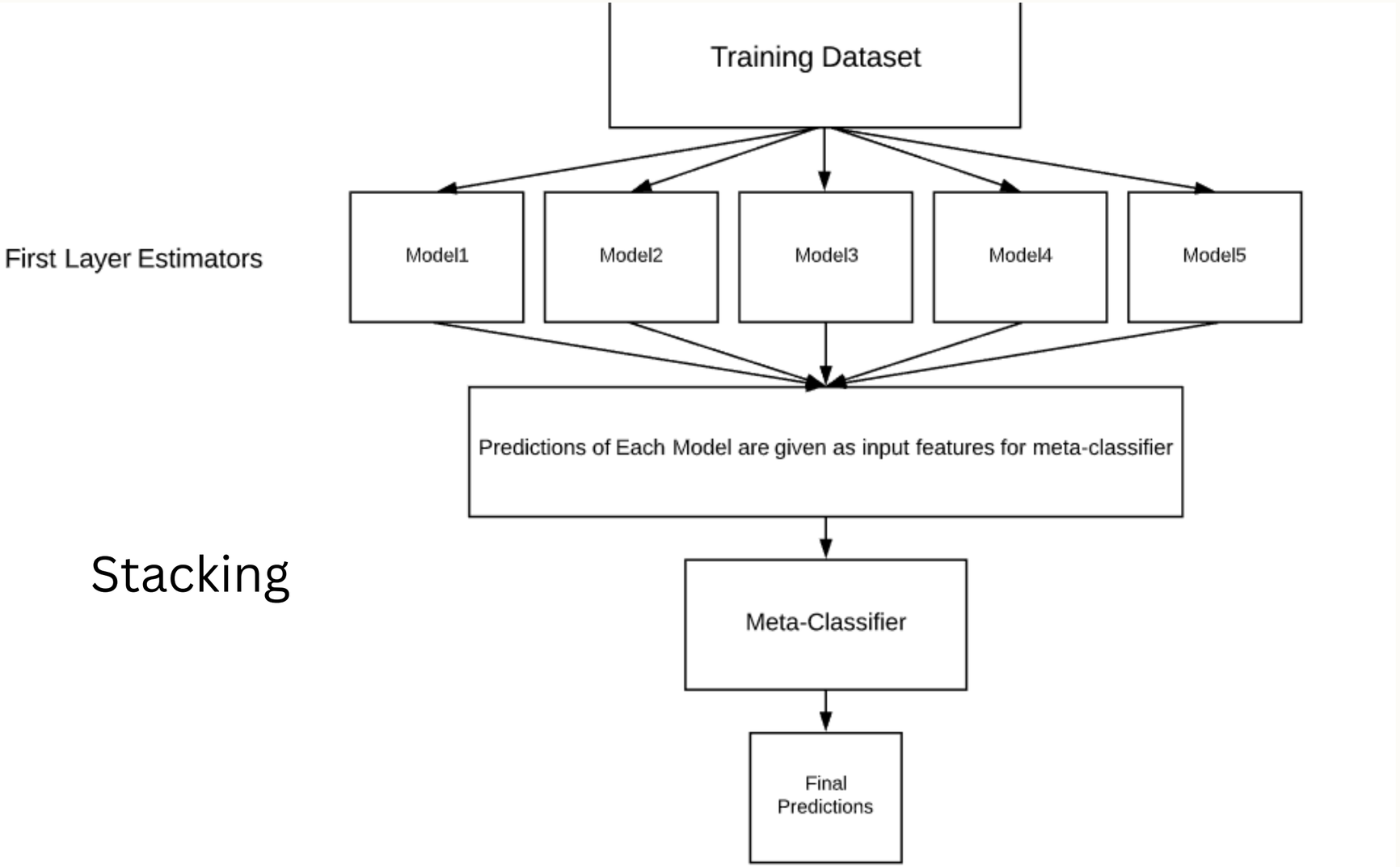

Bagging
Bootsrapping
Training Data
Bootsrapped dataset #1
Bootsrapped dataset #2
Bootsrapped dataset #K
Model #1
Model #2
Model #K

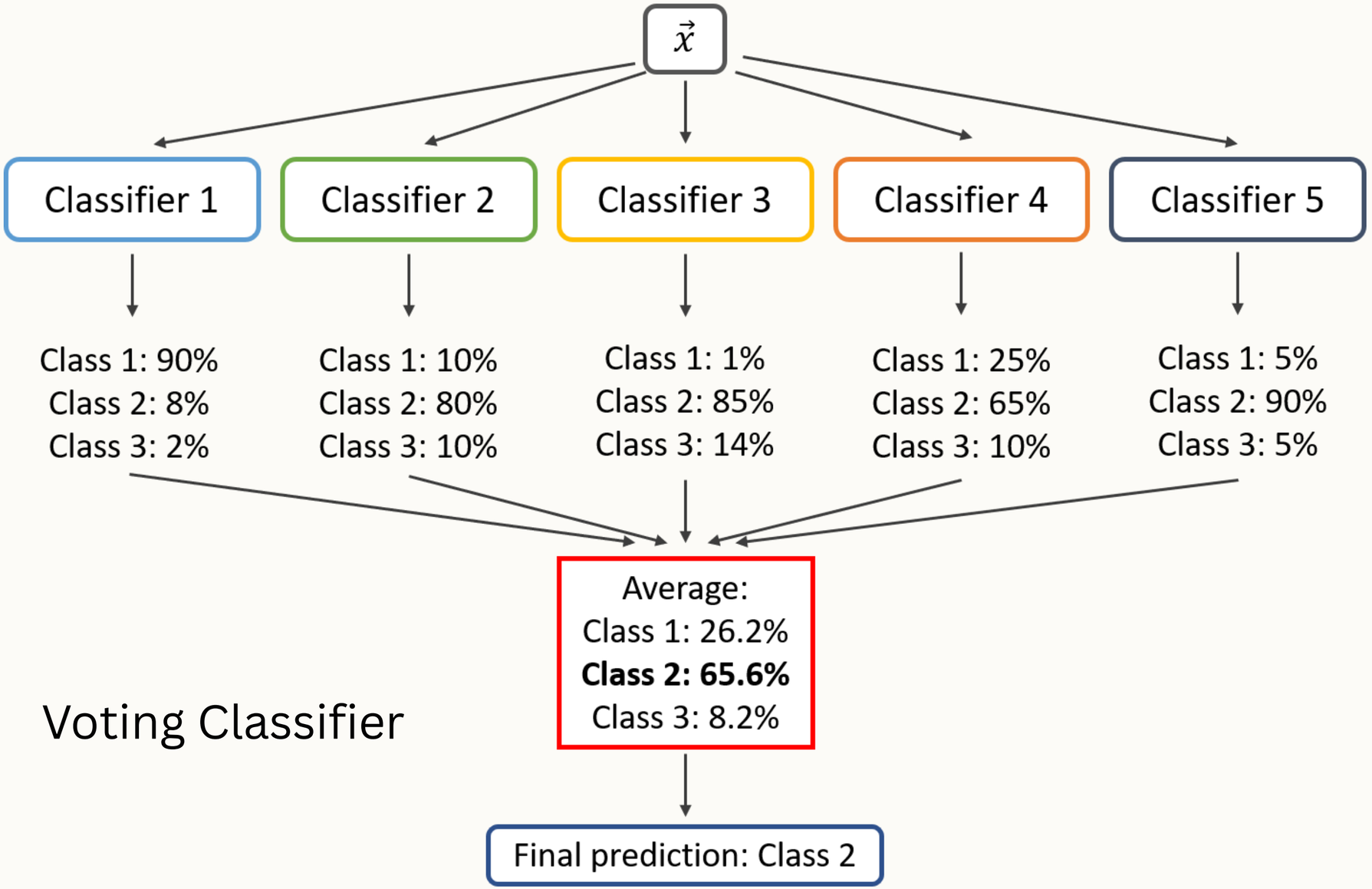

Instance
Random Forest
Tree-1
Tree-2
...
Tree-n
Class-A
Class-B
Class-B
Majority-Voting
Final-Class

Boosting

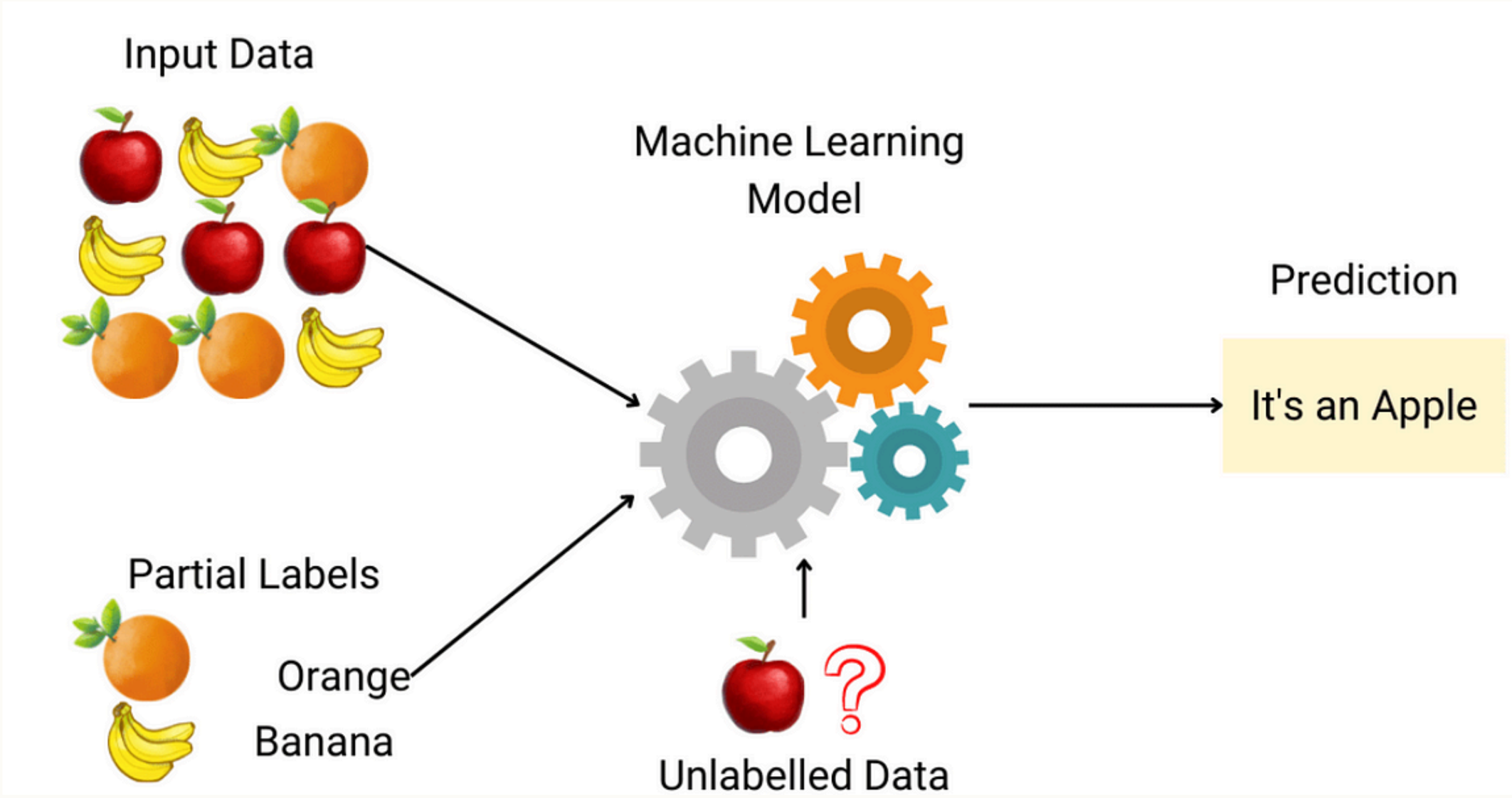

Original Data
Weighted Data
Weighted Data
Classifer
Classifer
Classifer
Ensemble
Classifer

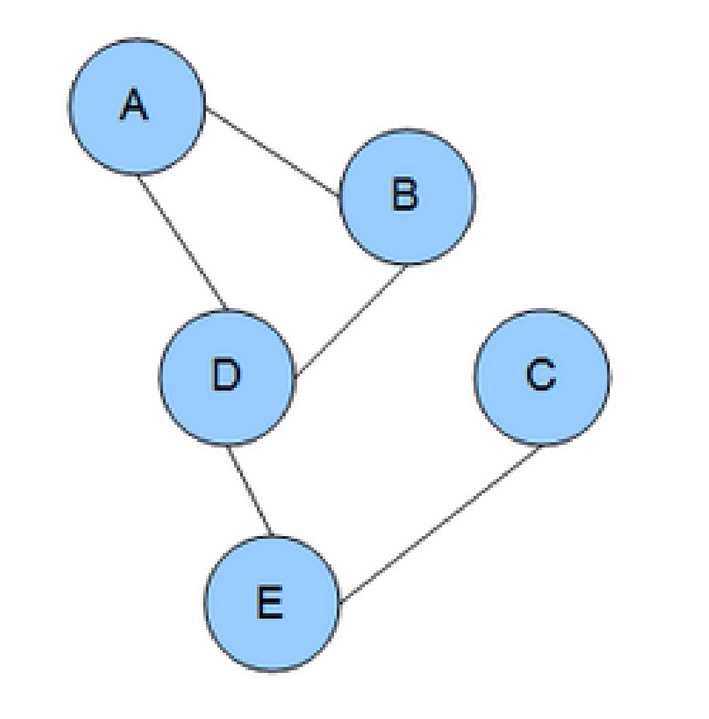
Stacking


Training Dataset
First Layer Estimators
Model1
Model2
Model3
Model4
Model5
Predictions of Each Model are given as input features for meta-classifier
Meta-Classifier
Final Predictions

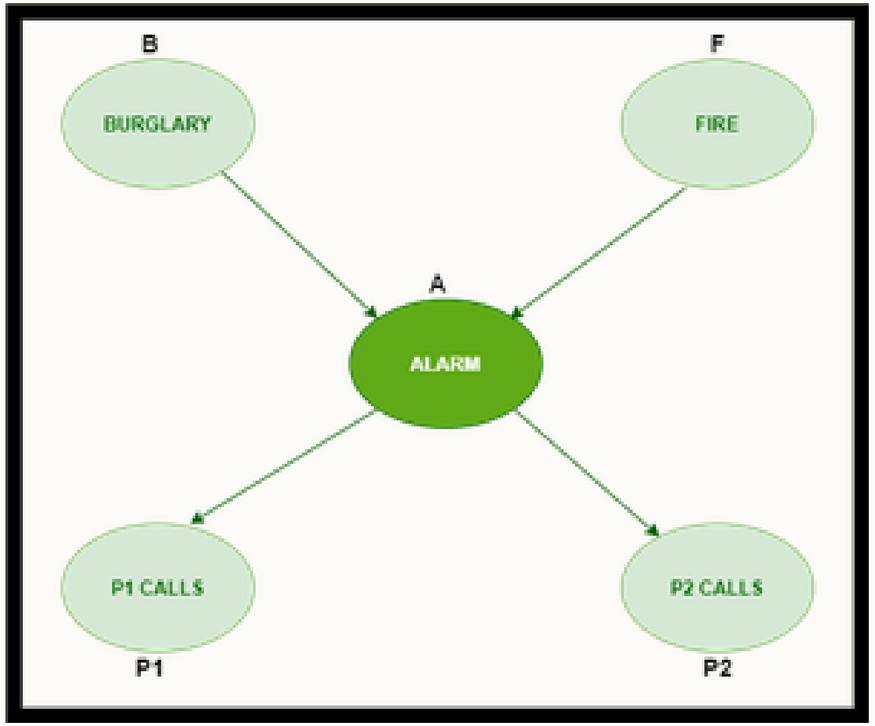


Voting Classifier


Input Data
Machine Learning Model
Prediction
It's an Apple
Partial Labels
Orange
Banana
Unlabelled Data

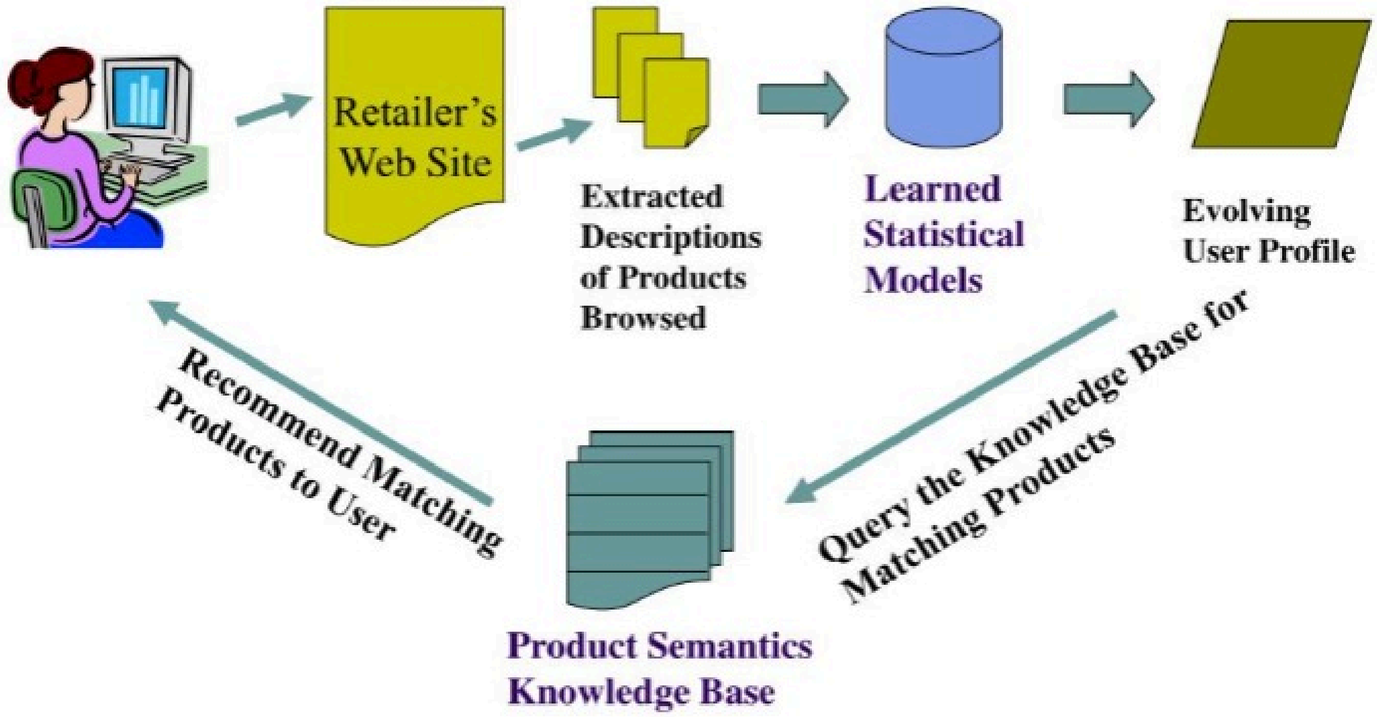


Markov Networks

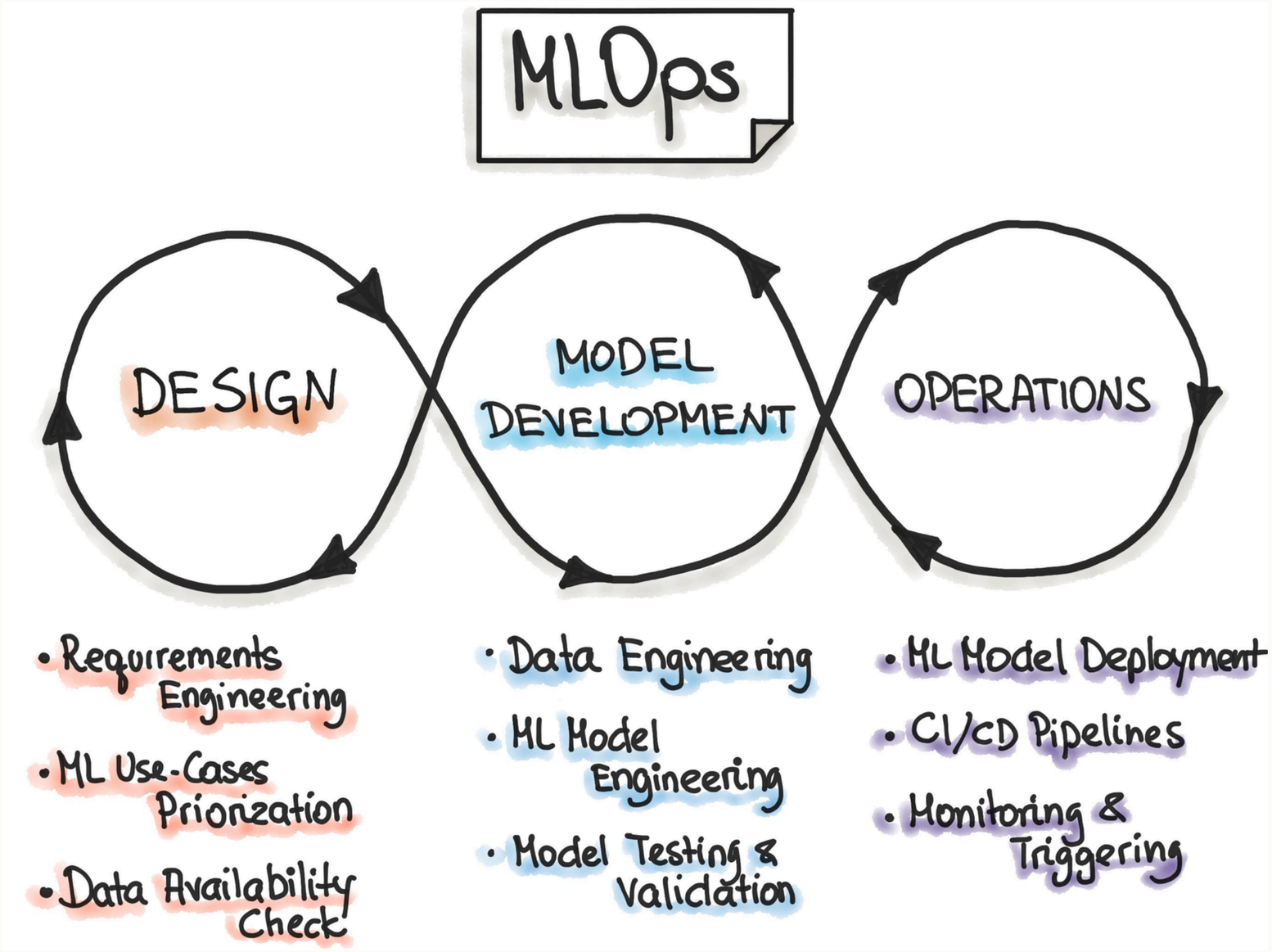


Bayesian Networks

Recommender System



accenture


MLOps
DESIGN
MODEL DEVELOPMENT
OPERATIONS
• Requirements Engineering
• ML Use-Cases Priorization
• Data Availability Check
• Data Engineering
• ML Model Engineering
• Model Testing & Validation
• ML Model Deployment
• CI/CD Pipelines
• Monitoring & Triggering