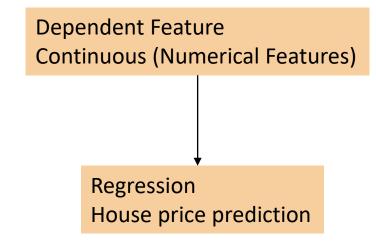
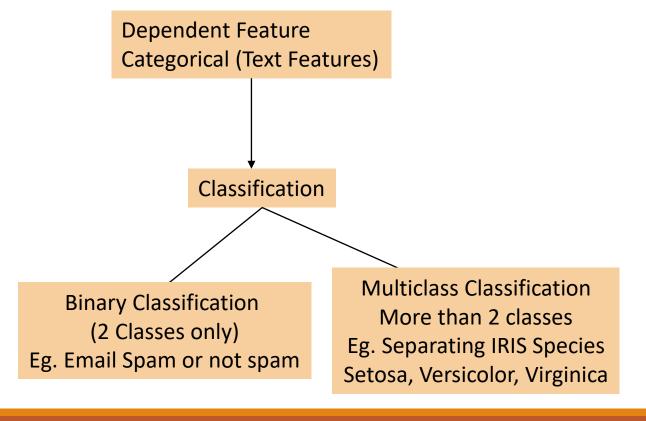
Decision Tree Regression

UTKARSH GAIKWAD

CLASS STARTING SHARP AT 2:05 PM WAITING FOR OTHER STUDENTS

Classification vs Regression





CART

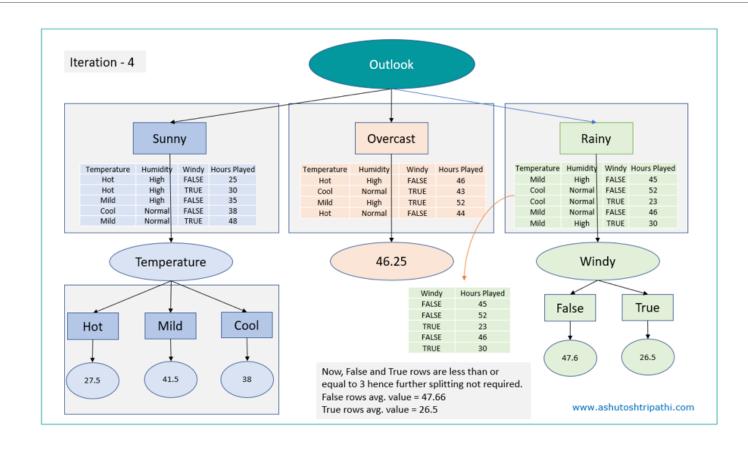
- ➤ C Classification
- \rightarrow A And
- ▶ R − Regression
- ➤ T Trees

Decision Tree Regression Example

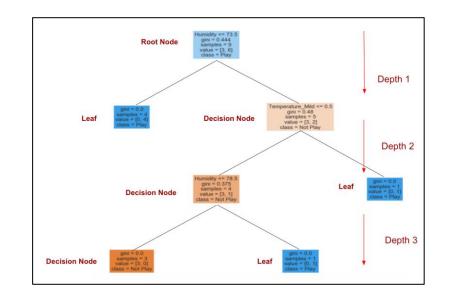


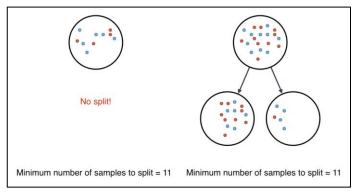
Leaf Node takes average of all the values which Satisfy condition

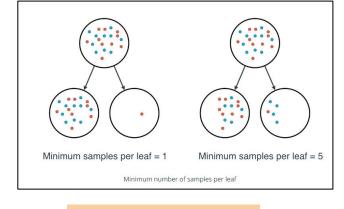
Average is calculated for DTR



Parameters for Decision Tree Regression







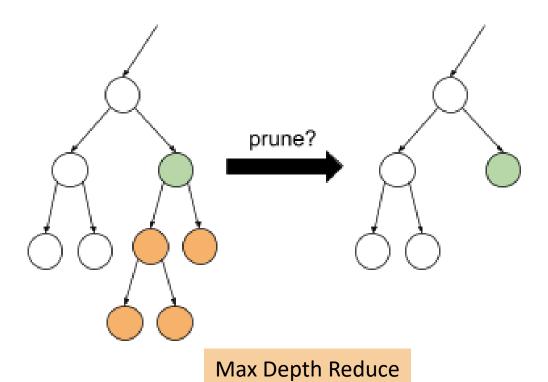
Min Samples Split

Min Samples Leaf

Max Depth

Criterion: squared_error, absolute_error

Decision Tree Pruning



Pruning is performed to avoid Over Fitting Problem

Thank you

FOR ANY QUERIES PING ME ON SKYPE