feature selection

**information value>10%**

accuracy-adjusted r2

error=mape,msc

categorical -chi squares stats,can't use iv

co relation-create dummy

decision tree = entropy(decision boundary)

biasness- bias-variance(Trade off)

claim if model is underfit or overfit

far =bias impact

close-variance impact

interval badana - bias so 13% to 11% ----

overfit /underfit ALGORITHM TO HANDLE overfit(XGBoost)

Random forest

penalize beta(make slope less)

L1=lasso regression ---both penalise beta ----used in feature engineering

L2=ridge regression

variable selection

**- random forest: average probality is calculated .(rows is calculated ,variables are same) (tracking result)**

possible combinaion to make best combination-Grid search and hyper parameter

**xgb algorithm:** (weak (miss)classifier is selected )

decision stump can be less or more

rf,rf using grid search --choose optimal parameter

sentimental anlysis

recommendations

object detection

ai assistant

predict match