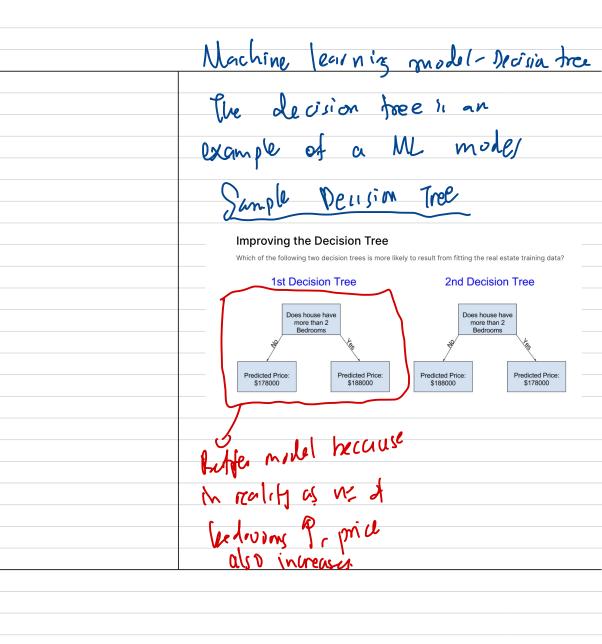
Day 47

Jan. 17,2022

Intro & Machine Learning from kaste How Models work o Models work by learning data and from this they make predictions. -> Similar to what we can say as intuition letzerience. They make predictions from experiene.



More brunches can be included in a Alasim tree to make a deasin tree to The house example, fuctors Does house have more than 2 Bedrooms Lot size larger Lot size larger than 8500 square than 11500 feet square feet Predicted Price: Predicted Price: Predicted Price: Predicted Price: \$170000 \$233000 \$146000 \$188000

Datu Federity

Scitch leva will be used & prediction model.

building a model - DFPE

Dévaluate
Building a
Determine how model

Patterns from
accurate the
predictions are

3 Predict

Severy ways to test a model accuracy. Common one i

Mean Absolute From (MAE)=

Average Predicted - Actual

abjolate

The Bolden of In-Sumple" scores + Don't use the same sample for "building" & "Gralrading" The model o In-sample score: measure of a model's accuracy based on the data used to train the mae o Quite misleading because It may not accurately reflect the model's performance on new, unseen data. o like validation datagor data that hall and and b fining the madel , t test it accuracy.