Model Exploration Stack

What is the model prediction for the selected instance?

Which variables contribute to the selected prediction?

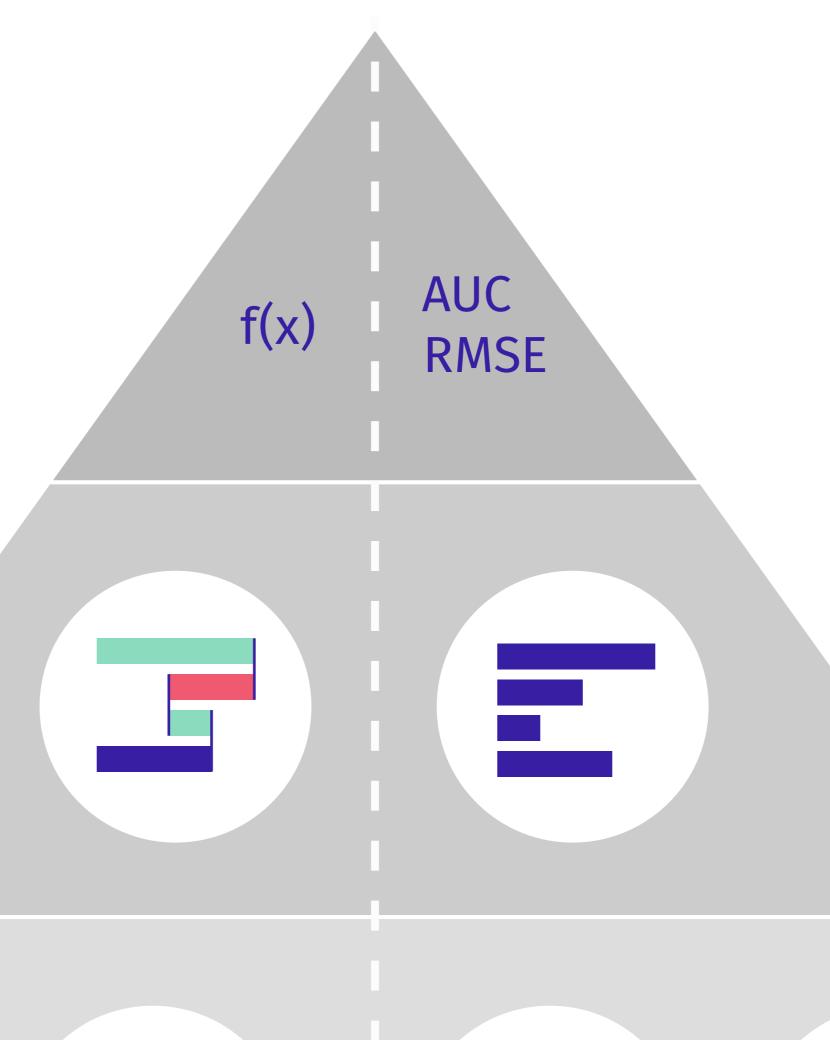
Break Down
SHAP, LIME
Chapters 7, 8, 9, 10

How a variable affects the prediction?

Ceteris paribus Chapters 11, 12

Is the model well fitted around the prediction?

Chapter 13



How good is the model?

ROC curve LIFT, Gain charts Chapter 16

Which variables are important to the model?

Permutational Variable Importance Chapter 17



Partial Dependence Profile Accumulated Local Effects Chapters 18, 19

Is the model well fitted in general?

Chapter 21

INSTANCE LEVEL

DATASET LEVEL