## Model Exploration Stack

What is the model prediction for the selected instance?

Which variables contribute to the selected prediction?

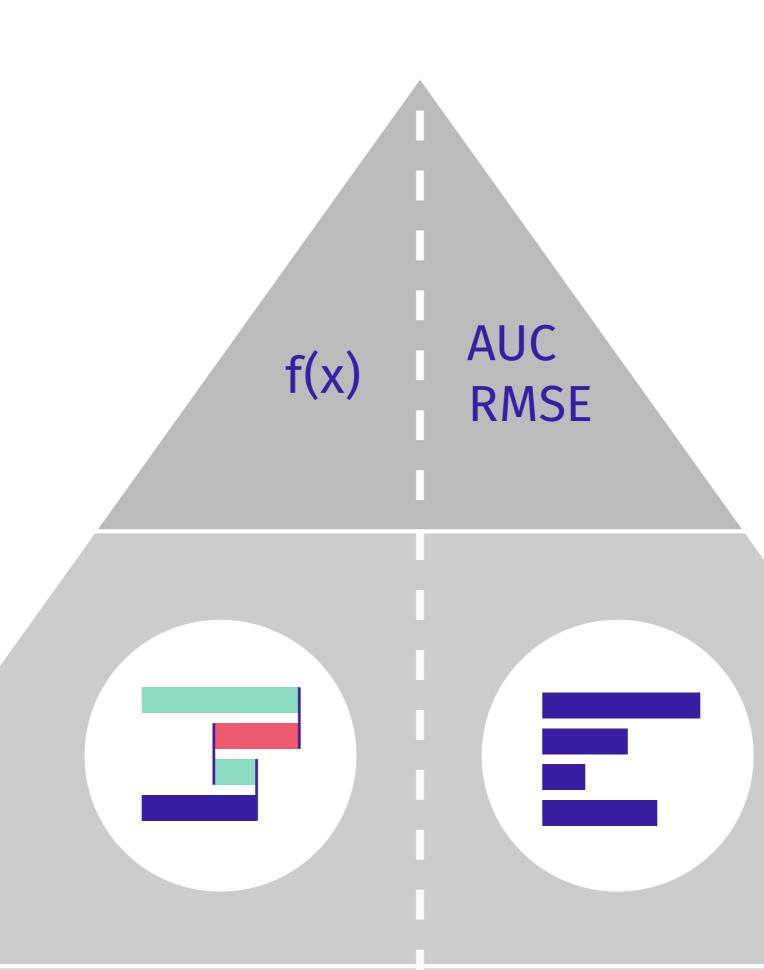
Break Down
SHAP, LIME
Chapters 6, 7, 8, 9

How does a variable affect the prediction?

Ceteris Paribus Chapters 10, 11

Does the model fit well around the prediction?

**Chapter 12** 



How good is the model?

ROC curve LIFT, Gain charts Chapter 15

Which variables are important to the model?

Permutational Variable Importance Chapter 16



Partial Dependence Profile Accumulated Local Effects Chapters 17, 18



Does the model fit well in general?

**Chapter 19** 

PREDICTION LEVEL LOCAL EXPLANATIONS

MODEL LEVEL
GLOBAL EXPLANATIONS