Model Exploration Stack

What is the model prediction for the selected instance?

Which variables contribute to the selected prediction?

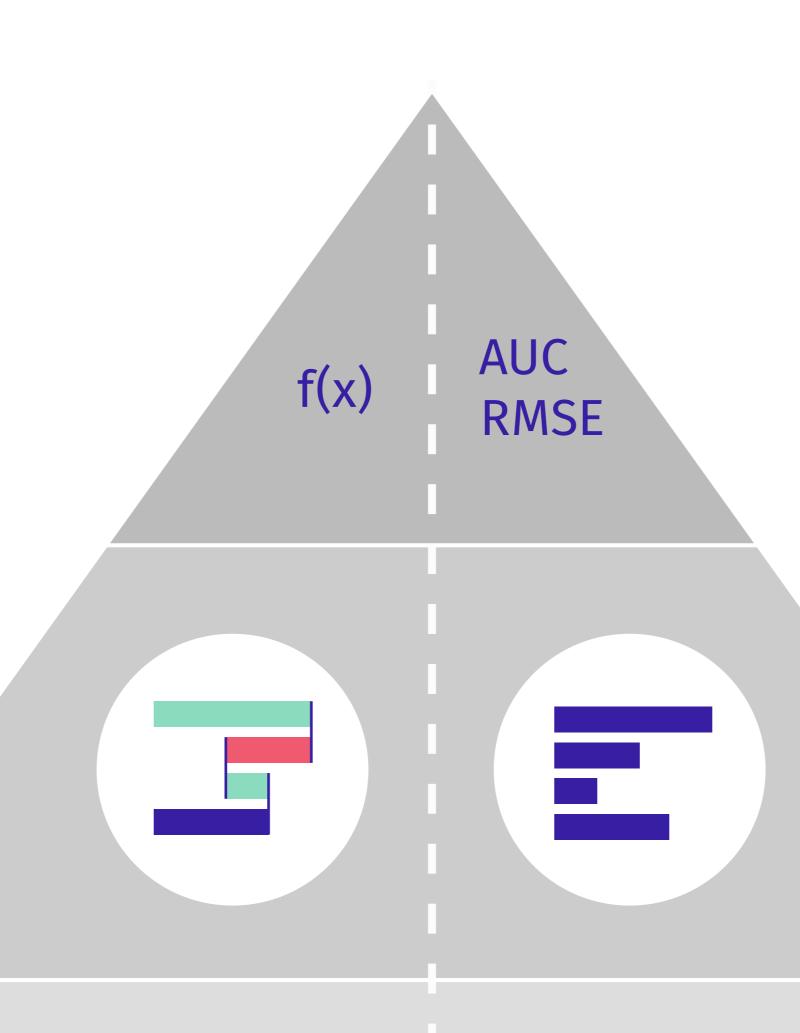
Break Down
SHAP, LIME
Chapters 7, 8, 9, 10

How does a variable affect the prediction?

Ceteris Paribus Chapters 11, 12

Does the model fit well around the prediction?

Chapter 13



How good is the model?

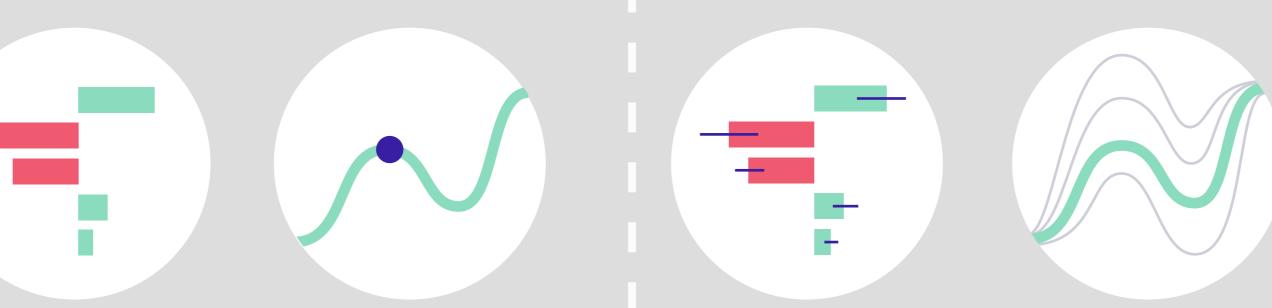
ROC curve LIFT, Gain charts Chapter 16

Which variables are important to the model?

Permutational Variable Importance Chapter 17



Partial Dependence Profile Accumulated Local Effects Chapters 18, 19



Does the model fit well in general?

Chapter 20



PREDICTION LEVEL MODEL LEVEL