## Model Exploration Stack

What is the model prediction for the selected instance?

Which variables contribute to the selected prediction?

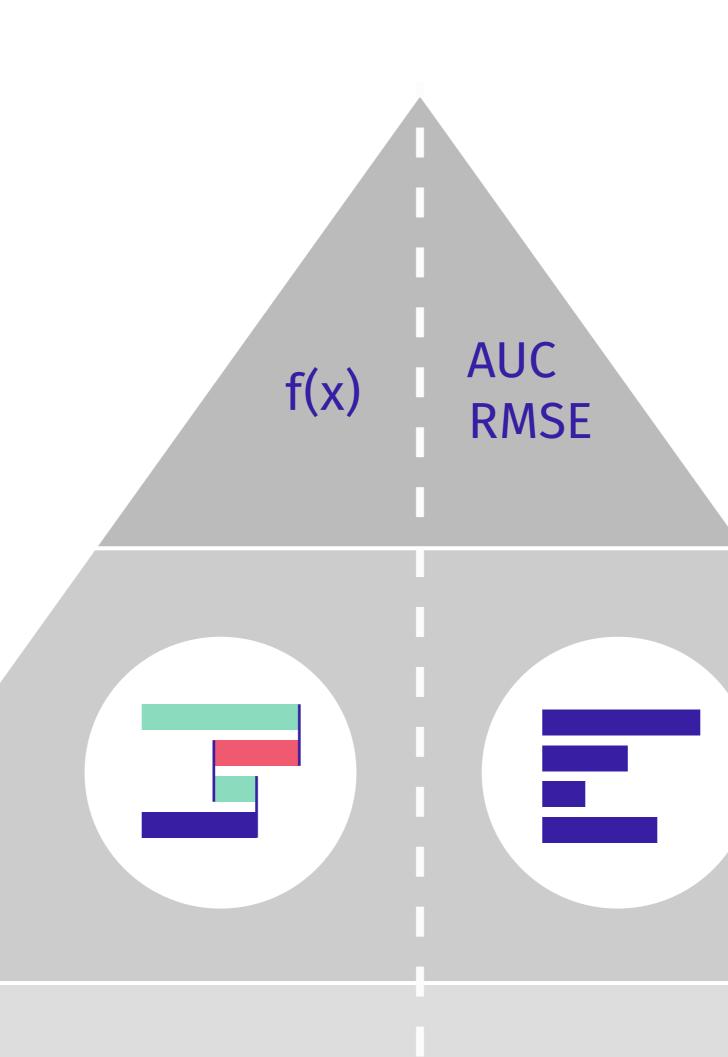
Break Down
SHAP, LIME
Chapters 7, 8, 9, 10

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?

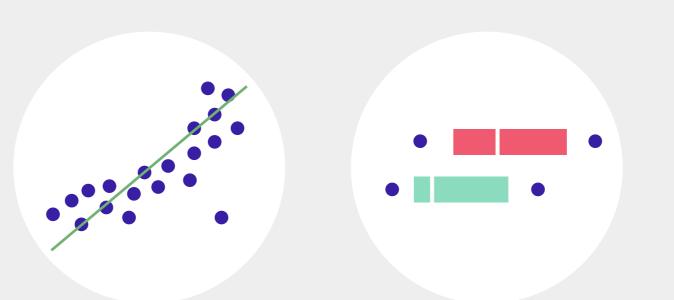
ROC curve LIFT, Gain charts Chapter 16

Which variables are important to the model?

Permutational Variable Importance Chapter 17

How a variable affects the average prediction?

Partial Dependence Profile Accumulated Local Effects Chapters 18, 19



Is the model well fitted in general?

**Chapter 21** 

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