

ML-DS-Group-SHAP-Intro

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1 An Introduction to SHAP Analysis

2 SHAP for Feature Selection

3 SHAP for Model Interpretability

4 SHAP for Model Comparison

5 SHAP for Model Agnosticism

6 SHAP for Model Explainability

7 SHAP for Model Transparency

8 SHAP Values in ML

9 SHAP Values in ML

10 Titanic Kaggle Example

11 Titanic Kaggle Example

12 Titanic Kaggle Example

13 Other plots you can produce...

14 Another feature attribution method

15 Gradient based methods

Libraries

Click to add speaker notes

From “black box”...

source: “Why Should I Trust You?” Explaining the Predictions of Any Classifier, University of Washington

Predicted: wolf
True: wolf

Predicted: husky
True: husky

Predicted: wolf
True: wolf

Predicted: wolf
True: husky

Predicted: husky
True: husky

Predicted: wolf
True: wolf

...to Explainable AI (XAI)

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