MGMT 638

Session 11

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Agenda

- Model interpretability
- Neural networks

Model Intrepretability

- Use trained model: data5_model.pkl
- Use current features: data5_current.xlsx
- Why is the model making the predictions that it is making today?
- Calculate SHAP values to answer the question

Interpretability notebook

Neural Networks

- Model structure
- Classification vs regression
- Digits example
- Confusion matrix
- Increasing complexity and performance

Neural networks notebook