

Exercise

Anchor and Counterfactual Explanations

- Read the chocolate data from `recidivism-risk.csv`
- Train the model
- Make predictions for the test data
- Print Confusion Matrix, ROC Curve and Accuracy
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- Use Anchor Explanation for the predictions of the person with the index 503
- What are the important facts for the prediction?
- Which data are not useful and why?
- Delete not useful data
- Print the used Anchor Explanation rules for the 3 persons with the numbers

```
idx1 = 2  
idx2 = 503  
idx3 = 57
```

- Compare LIME and Anchor Explanation
- Use Counterfactual Explanation for the person with the number 503