Group\_HJR

Task 6.1.

1. Domain Characterization
2. Domain: Credit ratings
3. Target users: Office workers who rate the credit of customers.
4. User questions – Abstract tasks

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| User questions | Domain | Abstract tasks |
| -What is the meaning of the score?  -When is a score considered to be good or bad?  -How did the score come to be?  -What is the relevant information for this applicant? (payment history, background, reasons for the loan, etc.)  -Is the score impacted by sensitive attributes like sex or race?  -Can I trust the score?  -How confident is the decision support system in its prediction? | Data  Exp  Data  Exp  Exp  Exp  Exp | Identify the score measure definition  Identify the criteria of score measure  Identify the result of model’s decision  Relate relevant attribute and the score measure  Determine the fairness measure using sex and race as protected attribute  Determine the reliability of the model  Determine the relevance |

Assumptions about the data to derive credit ratings

Data: German credit data – Assignment2

Model evaluation: LIME – Assignment5