

Exercise – Credit Analysis

Risk assessment for a credit depends on several input factors, e.g. income, age, amount of the credit. Experts often formulate their rules using vague knowledge.

- Fuzzify the input variables **age**, **income** and **amount of credit**.
- Assume the output variable is a **risk score** ranging from 1 (virtually no risk) to 100 (highest risk). Fuzzify it, e.g.:
 - ◆ Use the linguistic values “low”, “medium”, “high”
- Define some sample IF-THEN rules and write down the decision tables. Hint: you need 2 decision tables!