

### **Numerical Value Attributes**

- *Creditamount*
- *Duration*
- *Installmentrate*
- *Residencesince*
- *Existingcredits*
- *Peopleliable*
- *Age* (Protected Attribute)
- *Classification* (OUTPUT Variable)

### **Categorical Variable Attributes**

One hot encoded the following attributes and concatenated it to the numerical value attributes

- *Existingchecking*
- *Credithistory*
- *Purpose*
- *Savings*
- *employmentsince*
- *Statussex*
- *Otherdebtors*
- *Property*
- *Otherinstallmentplans*
- *Housing*
- *job*
- *Telephone*
- *foreignworker*

### **Returns:**

Two csv files named '**train\_german**' & '**test\_german**' for the next part i.e '**optimizetrain.py**' and '**optimizetest.py**' respectively.