**Data Set Information:**

**Source:**

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**Attribute Information:**

Attribute 1: (qualitative)   
Status of existing checking account   
A11 : ... < 0 DM   
A12 : 0 <= ... < 200 DM   
A13 : ... >= 200 DM / salary assignments for at least 1 year   
A14 : no checking account   
  
Attribute 2: (numerical)   
Duration in month   
  
Attribute 3: (qualitative)   
Credit history   
A30 : no credits taken/ all credits paid back duly   
A31 : all credits at this bank paid back duly   
A32 : existing credits paid back duly till now   
A33 : delay in paying off in the past   
A34 : critical account/ other credits existing (not at this bank)   
  
Attribute 4: (qualitative)   
Purpose   
A40 : car (new)   
A41 : car (used)   
A42 : furniture/equipment   
A43 : radio/television   
A44 : domestic appliances   
A45 : repairs   
A46 : education   
A47 : (vacation - does not exist?)   
A48 : retraining   
A49 : business   
A410 : others   
  
Attribute 5: (numerical)   
Credit amount   
  
Attibute 6: (qualitative)   
Savings account/bonds   
A61 : ... < 100 DM   
A62 : 100 <= ... < 500 DM   
A63 : 500 <= ... < 1000 DM   
A64 : .. >= 1000 DM   
A65 : unknown/ no savings account   
  
Attribute 7: (qualitative)   
Present employment since   
A71 : unemployed   
A72 : ... < 1 year   
A73 : 1 <= ... < 4 years   
A74 : 4 <= ... < 7 years   
A75 : .. >= 7 years   
  
Attribute 8: (numerical)   
Installment rate in percentage of disposable income   
  
Attribute 9: (qualitative)   
Personal status and sex   
A91 : male : divorced/separated   
A92 : female : divorced/separated/married   
A93 : male : single   
A94 : male : married/widowed   
A95 : female : single   
  
Attribute 10: (qualitative)   
Other debtors / guarantors   
A101 : none   
A102 : co-applicant   
A103 : guarantor   
  
Attribute 11: (numerical)   
Present residence since   
  
Attribute 12: (qualitative)   
Property   
A121 : real estate   
A122 : if not A121 : building society savings agreement/ life insurance   
A123 : if not A121/A122 : car or other, not in attribute 6   
A124 : unknown / no property   
  
Attribute 13: (numerical)   
Age in years   
  
Attribute 14: (qualitative)   
Other installment plans   
A141 : bank   
A142 : stores   
A143 : none   
  
Attribute 15: (qualitative)   
Housing   
A151 : rent   
A152 : own   
A153 : for free   
  
Attribute 16: (numerical)   
Number of existing credits at this bank   
  
Attribute 17: (qualitative)   
Job   
A171 : unemployed/ unskilled - non-resident   
A172 : unskilled - resident   
A173 : skilled employee / official   
A174 : management/ self-employed/   
highly qualified employee/ officer   
  
Attribute 18: (numerical)   
Number of people being liable to provide maintenance for   
  
Attribute 19: (qualitative)   
Telephone   
A191 : none   
A192 : yes, registered under the customers name   
  
Attribute 20: (qualitative)   
foreign worker   
A201 : yes   
A202 : no