**Data dictionary**

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| Account | **account.csv** |
| **account\_id** | identification of the account |
| **district\_id** | location of the branch |
| **Frequency** | frequency of issuance of statements: "POPLATEK MESICNE" stands for monthly issuance "POPLATEK TYDNE" stands for weekly issuance "POPLATEK PO OBRATU" stands for issuance after transaction |
| **date** | date of creating of the account: in the form YYMMDD |

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| Credit Card | **card.csv** |
| **card\_id** | record identifier |
| **disp\_id** | disposition to an account |
| **type** | type of card: possible values are "junior", "classic", "gold" |
| **Issued** | issue date: in the form YYMMDD |

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| Client | Client.csv |
| **client\_id** | client identifier |
| **birth\_number** | birthday and sex: the number is in the form YYMMDD for men, the number is in the form YYMM+50DD for women, where YYMMDD is the date of birth |
| **district\_id** | address of the client |

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| Disposition | **disp.csv** |
| **disp\_id** | record identifier |
| **client\_id** | identification of a client |
| **account\_id** | identification of an account |
| **Type** | type of disposition (owner/user): only owner can issue permanent orders and ask for a loan |
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raw data

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| Demographic | **District.csv** |
| a1 | district code |
| **a2** | district name |
| **a3** | Region |
| **a4** | no. of inhabitants |
| **a5** | no. of municipalities with inhabitants < 499 |
| **a6** | no. of municipalities with inhabitants 500-1999 |
| **a7** | no. of municipalities with inhabitants 2000-9999 |
| **a8** | no. of municipalities with inhabitants >10000 |
| **a9** | no. of cities |
| **a10** | ratio of urban inhabitants |
| **a11** | average salary |
| **a12** | unemployment rate '95 |
| **a13** | unemployment rate '96 |
| **a14** | no. of entrepreneurs per 1000 inhabitants |
| **a15** | no. of committed crimes '95 |
| **a16** | no. of committed crimes '96 |

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| Loan | **loan.csv** |
| **loan\_id** | record identifier |
| **account\_id** | identification of the account |
| **Date** | date when the loan was granted: in the form YYMMDD |
| **amount** | amount of money |
| **duration** | duration of the loan |
| **payments** | monthly payments |
| **status** | status of paying off the loan: 'A' stands for contract finished, no problems, 'B' stands for contract finished, loan not payed, 'C' stands for running contract, OK so far, 'D' stands for running contract, client in debt |

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| Permanent Order (Debits Only) | **order.csv** |
| **order\_id** | record identifier |
| **account\_id** | account, the order is issued for |
| **bank\_to** | bank of the recipient: each bank has unique two-letter code |
| **account\_to** | account of the recipient |
| **amount** | debited amount |
| **k\_symbol** | characterization of the payment: "POJISTNE" stands for insurrance payment "SIPO" stands for household payment "LEASING" stands for leasing "UVER" stands for loan payment |

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| Transaction | **trans.csv** |
| **trans\_id** | record identifier |
| **account\_id** | account the transaction deals with |
| **date** | date of transaction: in the form YYMMDD |
| **type** | +/- transaction: "PRIJEM" stands for credit "VYDAJ" stands for withdrawal |
| **operation** | mode of transaction: "VYBER KARTOU" credit card withdrawal "VKLAD" credit in cash "PREVOD Z UCTU" collection from another bank "VYBER" withdrawal in cash "PREVOD NA UCET" remittance to another bank |
| **amount** | amount of money |
| **balance** | balance after transaction |
| **k\_symbol** | characterization of the transaction: "POJISTNE" insurance payment "SLUZBY" payment for statement "UROK" interest credited "SANKC. UROK" sanction interest if negative balance "SIPO" household "DUCHOD" old-age pension "UVER" loan payment |
| **bank** | bank of the partner: each bank has unique two-letter code |
| **Account** | account of the partner |