FINANCIAL PROGRAMMING

Group Project – Financial Base Table

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Data Dictionary for the Financial Base Table

**Data Dictionary**

|  |  |  |
| --- | --- | --- |
| **Column\_Name** | **description** | **data type** |
| account\_id | customer account number | int64 |
| bank\_district\_id | bank district ID | int64 |
| frequency | customer transaction frequency | object |
| acc\_open\_year | Account Open Year | int64 |
| acc\_open\_month | month of account opened | int64 |
| acc\_open\_day | customer account open date | int64 |
| LOR | customer relationship length | int64 |
| client\_id | customer client id | int64 |
| type | type of transaction | object |
| client\_district\_id | customer district ID | int64 |
| birth\_year\_x | Customer Birth Year | int32 |
| birth\_day\_x | day of customer birth | int32 |
| gender\_x | customer gender | object |
| age | customer age | int32 |
| age\_group | customer age group | int32 |
| age\_grp\_desc | customer age group description | object |
| total\_credit | total credit for the customer | float64 |
| total\_withdrawal | total withdrwal for the customer | float64 |
| account\_id\_trans | account ID | int64 |
| trans\_id\_trans | transaction ID | int64 |
| initial\_transaction | 1st transaction date of the customer | object |
| latest\_transaction | last transaction date of the customer | object |
| amount\_trans | total amount for the customer | float64 |
| balance\_trans | balance amount for the customer | float64 |
| credits | total credit for the customer | int64 |
| withdrawals | total withdrwal for the customer | int64 |
| cash\_credit | cash credit flag | float64 |
| credit\_bank\_transfer | credit bank transfer flag | float64 |
| cash\_withdrawal | cash withrawal flag | float64 |
| unknown | unknown transaction flag | float64 |
| remittance\_bank\_transfer\_Withdrawal | remitance withrawal flag | float64 |
| credit\_card\_withdrawal | credit card withrawal flag | float64 |
| account\_id\_order | customer account ID | float64 |
| order\_count\_order | total number of orders | float64 |
| recipient\_bank\_count\_order | recipient bank frequency | float64 |
| recipient\_account\_count\_order | recipient account frequency | float64 |
| total\_payment\_amount\_order | total payments on order | float64 |
| total\_household\_payments\_order | total house hold payments made | float64 |
| total\_loan\_payments\_order | total loan payments made | float64 |
| total\_insurance\_payments\_order | total insurance payments | float64 |
| total\_lease\_payments\_order | total lease payments | float64 |
| total\_unknown\_payment\_order | total unknown payments | float64 |
| district\_id\_district | district ID | int64 |
| district\_name\_district | district name | object |
| region\_district | region name | object |
| inhabitants\_district | total population of the district | int64 |
| municipalities\_w\_inhabitants\_less\_then\_499\_district | municipalities\_w\_inhabitants\_less\_then\_499\_district | int64 |
| municipalities\_w\_inhabitants\_500\_1999\_district | municipalities\_w\_inhabitants\_500\_1999\_district | int64 |
| municipalities\_w\_inhabitants\_2000\_9999\_district | municipalities\_w\_inhabitants\_2000\_9999\_district | int64 |
| municipalities\_w\_inhabitants\_grater\_then\_10k\_district | municipalities\_w\_inhabitants\_grater\_then\_10k\_district | int64 |
| no\_of\_cities\_district | total cities in district | int64 |
| ratio\_of\_urban\_inhabitants\_district | urban inhabitants in district | float64 |
| average\_salary\_district | average salary in district | int64 |
| unemployment\_rate\_95\_district | unemployment rate in 1995 | object |
| unemployment\_rate\_96\_district | unemployment rate in 1996 | float64 |
| entrepreneurs\_per\_1000\_inhabitants\_district | ratio of enterpreneurs | int64 |
| crimes\_1995\_district | total crimes in 1995 | object |
| crimes\_1996\_district | total crimes in 1996 | int64 |
| loan\_id\_loan | loan ID number | float64 |
| date\_loan | date of loan granted | object |
| amount\_loan | total loan amount | float64 |
| duration\_loan | loan duration | float64 |
| payments\_loan | loan payments amount | float64 |
| status\_loan | loan status | object |
| year\_loan | Loan granted year | object |
| month\_loan | month when loan taken | object |
| day\_loan | day of loan taken | object |
| status\_desc\_loan | loan status | object |
| loan\_issued\_in\_97 | target variable for loan | float64 |
| card\_id\_card | credit card ID | float64 |
| type\_card | credit card type | object |
| issued\_card | date of credit card issued | object |
| issued\_year\_card | credit card issued year | float64 |
| issued\_month\_card | month of credit card issued | float64 |
| issued\_day\_card | day of credit card issued | float64 |
| card\_issued\_in\_97 | target variable for credit card | float64 |
| gender\_y | customer gender | object |