**DATA QUALITY REPORT FOR PRODUCT APPLICATION DATA**

**Description**

**Dataset Name**: Product Application and Fraud Data

**Dataset Purpose**: Application data of credit cards and cell phones Applicants, to find application/identity fraud

**Data Source**: From identity fraud prevention company, synthetic data set built from studying the statistical properties of more than a billion applications

**Time Period**: 2016

**Number of Fields**: #9 (exclude record field)

**Number of Records**: 1,000,000

**Summary Table**

**Categorical Fields:**

Table

Description automatically generated

**Data Field Exploration:**

Field 1:

Name: Record

Description: Unique identifier of each entry in the data.

Field 2:

Name: DATE

Description: The application date.

Chart, bar chart, histogram

Description automatically generated

Field 3:

Name: SSN

Description: The Social Security Number of the applicant.

Graph with 999999999Graphical user interface

Description automatically generated with medium confidence

Graph without 999999999:

Chart, bar chart

Description automatically generated

Field 4:

Name: FIRSTNAME

Description: The first name of the applicant.

Chart, bar chart

Description automatically generated

Field 5:

Name: LASTNAME

Description: The last name of the applicant.

Chart, bar chart, histogram

Description automatically generated

Field 6:

Name: ADDRESS

Description: The address of the applicant.

Chart

Description automatically generated with low confidence

Field 7:

Name: ZIP5

Description: The zip code of the applicant.

Chart, bar chart

Description automatically generated

Field 8:

Name: DOB

Description: The date of birth of the applicant.

Graphical user interface

Description automatically generated

Field 9:

Name: HOMEPHONE

Description: The home phone number of the applicant.

Graph with 999999999:

Graphical user interface, application

Description automatically generated

Graph without 99999999:

Chart, bar chart

Description automatically generated

Field 10:

Name: FRAUD\_LABEL

Description: The fraud status of the applicant.

1: The applicant is fraud.

0: The applicant is not fraud.

Chart

Description automatically generated