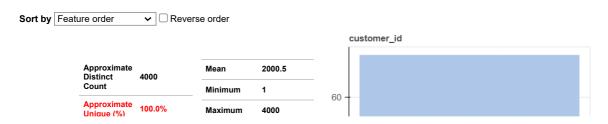
```
Sprocket Central Pvt Ltd
In [1]:
 1
   # Basic Liabraries
 2
    import numpy as np
 3
    import pandas as pd
    import matplotlib.pyplot as plt
   import seaborn as sns
    sns.set()
    %matplotlib inline
 8
   import warnings
   warnings.filterwarnings('ignore')
In [2]:
 1
    # importing dataprep library
   import dataprep
    from dataprep.datasets import load_dataset
 3
   from dataprep.eda import plot
   from dataprep.eda import create_report
Customer Demographic
In [31:
 1 customer_demographic = pd.read_excel("D:\\Forage\\KPMG\VI_New_raw_data_update_final.xlsx", sheet_name= 'CustomerDemographic')
```

In [4]: customer_demographic['DOB'] = pd.to_datetime(customer_demographic['DOB']) create_report(customer_demographic).show() DataPrep Report Overview Variables ≡ Interactions Correlations Missing Values Overview **Dataset Statistics Dataset Insights** customer_id is uniformly distributed Number of Variables 13 Uniform [last_name] has 125 (3.12%) missing values Missing Number of Rows 4000 [job_title] has 506 (12.65%) missing values Missing Cells 1763 Missina job_industry_category has 656 (16.4%) missing Missina Cells (%) 3.4% Missing **Duplicate Rows** tenure has 87 (2.18%) missing values **Duplicate Rows (%)** 0.0% default has 302 (7.55%) missing values Missina **Total Size in Memory** 2.6 MB first_name has a high cardinality: 3139 distinct values Cardinality 670.0 B Average Row Size in Memory last_name has a high cardinality: 3725 distinct High Variable Types Numerical: 3 Cardinality Categorical: 9 DateTime: 1 job_title has a high cardinality: 195 distinct values Cardinality

default has a high cardinality: 90 distinct values

1 2

Variables



High

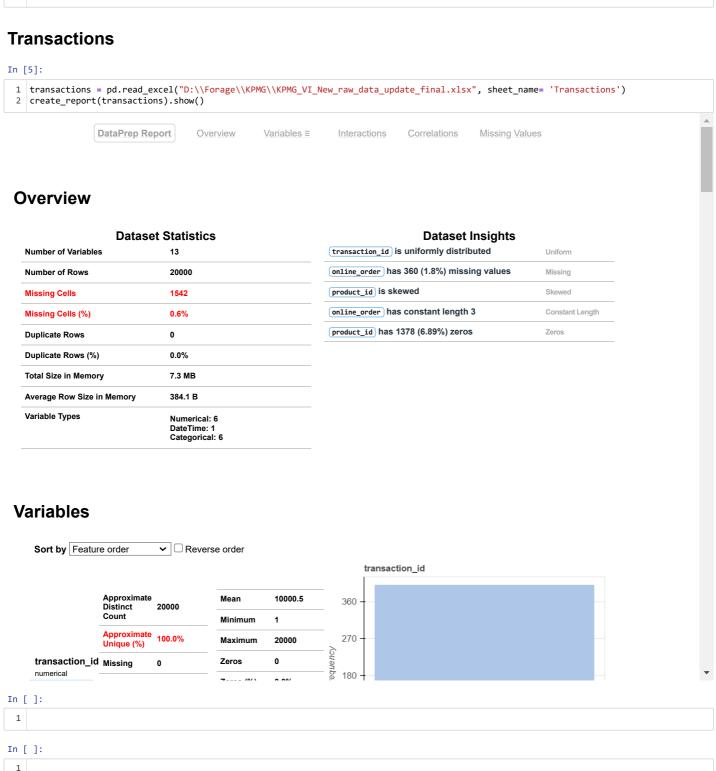
Cardinality

If you can see above clearly that there is year 1843 is mentioned which means the person is 179 years old

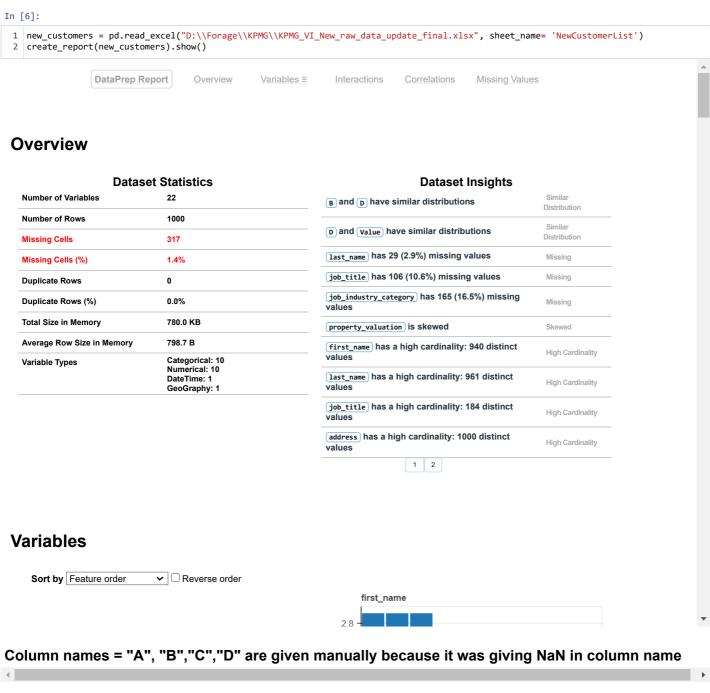
```
In [ ]:

In [ ]:

1
```



New Customer List



```
In []:

In []:

In []:
```

Customer Address

