

```

1 /usr/local/bin/python3.9 "/Users/samuelkawuma/
  Desktop/Project data_Sample/VisualizationProjects/
  main.py"
2 *****
3 <class 'pandas.core.frame.DataFrame'>
4 RangeIndex: 10000 entries, 0 to 9999
5 Data columns (total 14 columns):
6 #    Column                Non-Null Count  Dtype
7 ---  -
8 0    RowNumber              10000 non-null  int64
9 1    CustomerId             10000 non-null  int64
10 2    Surname                10000 non-null  object
11 3    CreditScore            10000 non-null  int64
12 4    Geography              10000 non-null  object
13 5    Gender                 10000 non-null  object
14 6    Age                    10000 non-null  int64
15 7    Tenure                 10000 non-null  int64
16 8    Balance                10000 non-null  float64
17 9    NumOfProducts          10000 non-null  int64
18 10   HasCrCard              10000 non-null  int64
19 11   IsActiveMember        10000 non-null  int64
20 12   EstimatedSalary        10000 non-null  float64
21 13   Exited                 10000 non-null  int64
22 dtypes: float64(2), int64(9), object(3)
23 memory usage: 1.1+ MB
24 None
25 *****
26 *****
27 Total Rows in the data frame are  RowNumber
                                   10000
28 CustomerId                    10000
29 Surname                        10000
30 CreditScore                    10000
31 Geography                      10000
32 Gender                         10000
33 Age                           10000
34 Tenure                         10000
35 Balance                        10000
36 NumOfProducts                  10000
37 HasCrCard                      10000
38 IsActiveMember                 10000

```

```

39 EstimatedSalary      10000
40 Exited                10000
41 dtype: int64
42 *****
43   RowNumber  CustomerId  Surname  ...
   IsActiveMember EstimatedSalary Exited
44 0           1    15634602  Hargrave
   ...           1    101348.88      1
45 1           2    15647311    Hill
   ...           1    112542.58      0
46 2           3    15619304    Onio
   ...           0    113931.57      1
47 3           4    15701354    Boni
   ...           0    93826.63      0
48 4           5    15737888 Mitchell
   ...           1    79084.10      0
49
50 [5 rows x 14 columns]
51 *****
52   RowNumber  CustomerId  Surname  ...
   IsActiveMember EstimatedSalary Exited
53 9995        9996    15606229  Obijaku
   ...           0    96270.64      0
54 9996        9997    15569892  Johnstone
   ...           1    101699.77      0
55 9997        9998    15584532    Liu
   ...           1    42085.58      1
56 9998        9999    15682355  Sabbatini
   ...           0    92888.52      1
57 9999       10000    15628319  Walker
   ...           0    38190.78      0
58
59 [5 rows x 14 columns]
60 *****
61 Shape: (10000, 14)
62 *****
63 RowNumber      int64
64 CustomerId     int64
65 Surname        object
66 CreditScore    int64
67 Geography      object

```

```

68 Gender                object
69 Age                   int64
70 Tenure                int64
71 Balance               float64
72 NumOfProducts        int64
73 HasCrCard             int64
74 IsActiveMember       int64
75 EstimatedSalary      float64
76 Exited                int64
77 dtype: object
78 *****
79      RowNumber  CustomerId  ...
      EstimatedSalary  Exited
80 count  10000.00000  1.000000e+04  ...    10000.
      000000  10000.000000
81 mean    5000.50000  1.569094e+07  ...    100090.
      239881    0.203700
82 std     2886.89568  7.193619e+04  ...    57510.
      492818    0.402769
83 min      1.00000  1.556570e+07  ...      11.
      580000    0.000000
84 25%     2500.75000  1.562853e+07  ...    51002.
      110000    0.000000
85 50%     5000.50000  1.569074e+07  ...    100193.
      915000    0.000000
86 75%     7500.25000  1.575323e+07  ...    149388.
      247500    0.000000
87 max    10000.00000  1.581569e+07  ...    199992.
      480000    1.000000
88
89 [8 rows x 11 columns]
90 *****
91 RowNumber            0
92 CustomerId          0
93 Surname              0
94 CreditScore          0
95 Geography            0
96 Gender              0
97 Age                 0
98 Tenure              0
99 Balance              0

```

```
100 NumOfProducts      0
101 HasCrCard          0
102 IsActiveMember     0
103 EstimatedSalary    0
104 Exited              0
105 dtype: int64
106 *****
107
108 Process finished with exit code 0
109
```