```
In [71]:
                import pandas as pd
                import seaborn as sns
                import matplotlib.pyplot as plt
             1 df = pd.read_csv('Bank customers.csv')
In [72]:
In [73]:
                df.head()
Out[73]:
               CLIENTNUM Attrition_Flag
                                          Customer_Age Gender Dependent_count Education_Level Marital_Status Income_Categ
                                  Existing
            0
                 768805383
                                                                                 3
                                                                                                                          60K-
                                                      45
                                                               М
                                                                                         High School
                                                                                                            Married
                                Customer
                                 Existing
                                                               F
                                                                                                                      Less than $-
                 818770008
                                                      49
                                                                                 5
                                                                                           Graduate
                                                                                                            Single
                                Customer
                                 Existing
                                                                                                                         80K-1
            2
                 713982108
                                                      51
                                                               Μ
                                                                                 3
                                                                                           Graduate
                                                                                                           Married
                                Customer
                                 Existing
                 769911858
                                                      40
                                                                                 4
                                                                                         High School
                                                                                                          Unknown
                                                                                                                       Less than $-
                                Customer
                                 Existing
                                                                                                                          60K - 60K
                 709106358
                                                                                 3
                                                                                         Uneducated
                                                      40
                                                               Μ
                                                                                                           Married
                                Customer
In [74]:
                pd.set option('display.max columns', None)
In [75]:
                df.head()
Out[75]:
               CLIENTNUM
                           Attrition_Flag
                                          Customer_Age Gender Dependent_count Education_Level Marital_Status Income_Categ
                                 Existing
                 768805383
                                                                                 3
                                                                                                                          60K - 
            0
                                                      45
                                                               Μ
                                                                                         High School
                                                                                                           Married
                                Customer
                                 Existing
                 818770008
                                                               F
                                                                                 5
                                                                                           Graduate
            1
                                                      49
                                                                                                            Single
                                                                                                                      Less than $-
                                Customer
                                 Existing
                 713982108
                                                      51
                                                                                           Graduate
                                                                                                           Married
                                                                                                                         80K-1
            2
                                                               Μ
                                Customer
                                 Existing
            3
                 769911858
                                                      40
                                                               F
                                                                                 4
                                                                                         High School
                                                                                                          Unknown
                                                                                                                       Less than $-
                                Customer
                                 Existing
                                                                                                                          60K - 60K
                 709106358
                                                      40
                                                               Μ
                                                                                 3
                                                                                         Uneducated
                                                                                                           Married
                                Customer
```

## START MANIPULATION

In [76]: 1 ## CHANGE SOME COLUMN NAMES FOR EASY UNDERSTANDING

```
In [77]:
           1 df.columns.tolist()
Out[77]: ['CLIENTNUM',
          'Attrition_Flag',
          'Customer_Age',
          'Gender',
          'Dependent count',
          'Education Level',
          'Marital Status',
          'Income_Category',
          'Card_Category',
          'Months on book'
          'Total Relationship Count',
          'Months_Inactive_12_mon',
          'Contacts Count 12 mon',
          'Credit_Limit',
          'Total Revolving Bal',
          'Avg_Open_To_Buy',
          'Total_Amt_Chng_Q4_Q1',
          'Total_Trans_Amt',
          'Total_Trans_Ct',
          'Total Ct Chng Q4 Q1',
          'Avg Utilization Ratio']
In [78]:
          1 | df.rename(columns={'Attrition_Flag': 'Attrition_Status'}, inplace=True)
           2 df.rename(columns={'CLIENTNUM': 'Client_Number'}, inplace=True)
           3 df.rename(columns={'Income_Category': 'Income_Per_Annum'}, inplace=True)
           4 | df.rename(columns={'Months_Inactive_12_mon': 'Months_Inactive'}, inplace=True)
           5 df.rename(columns={'Contacts_Count_12_mon': 'Contacts_Count'}, inplace=True)
          1 df.columns
In [79]:
Out[79]: Index(['Client_Number', 'Attrition_Status', 'Customer_Age', 'Gender',
                'Dependent_count', 'Education_Level', 'Marital_Status',
                'Income_Per_Annum', 'Card_Category', 'Months_on_book',
                'Total_Relationship_Count', 'Months_Inactive', 'Contacts_Count',
                'Credit_Limit', 'Total_Revolving_Bal', 'Avg_Open_To_Buy',
                'Total_Amt_Chng_Q4_Q1', 'Total_Trans_Amt', 'Total_Trans_Ct',
                'Total_Ct_Chng_Q4_Q1', 'Avg_Utilization_Ratio'],
               dtype='object')
In [80]:
           1 ## DROP SOME UNNECCESSARY COLUMNS THAT WILL
           1 columns_to_drop = ['Avg_Utilization_Ratio', 'Total_Ct_Chng_Q4_Q1', 'Total_Amt_Chng_Q4_Q1']
In [81]:
In [82]:
           1 df.drop(columns=columns to drop, inplace=True)
In [83]:
           1 df.columns
'Total_Relationship_Count', 'Months_Inactive', 'Contacts_Count',
                'Credit_Limit', 'Total_Revolving_Bal', 'Avg_Open_To_Buy',
                'Total_Trans_Amt', 'Total_Trans_Ct'],
               dtype='object')
In [84]:
           1 df.shape
Out[84]: (10127, 18)
```

```
In [85]:
           1 df.info()
          <class 'pandas.core.frame.DataFrame'>
         RangeIndex: 10127 entries, 0 to 10126
         Data columns (total 18 columns):
              Column
           #
                                          Non-Null Count Dtype
          - - -
                                          -----
           0
              Client Number
                                          10127 non-null int64
          1
              Attrition Status
                                          10127 non-null object
           2
              Customer Age
                                          10127 non-null int64
           3
              Gender
                                         10127 non-null object
              Dependent_count
                                         10127 non-null int64
           4
           5
              Education Level
                                         10127 non-null object
              Marital_Status
           6
                                         10127 non-null object
           7
              Income Per Annum
                                         10127 non-null object
          8
              Card Category
                                          10127 non-null object
          9
              Months on book
                                         10127 non-null
                                                          int64
              Total_Relationship_Count 10127 non-null int64
          10
          11 Months Inactive
                                         10127 non-null int64
          12 Contacts_Count
                                         10127 non-null int64
          13 Credit_Limit
                                         10127 non-null float64
           14 Total Revolving Bal
                                         10127 non-null int64
           15 Avg Open To Buy
                                         10127 non-null float64
           16 Total Trans Amt
                                          10127 non-null int64
          17 Total Trans Ct
                                         10127 non-null int64
         dtypes: float64(2), int64(10), object(6)
         memory usage: 1.4+ MB
In [86]:
           1 ## FROM THIS, WE CAN SEE THAT THERE ARE NO NULL VALUES AND ALL THE COLUMNS ARE IN THEIR RIGH
In [87]:
           1 df.head()
Out[87]:
             Client_Number Attrition_Status Customer_Age Gender Dependent_count Education_Level Marital_Status Income_F
                                Existing
          0
                768805383
                                                 45
                                                         Μ
                                                                                High School
                                                                                                Married
                               Customer
                                Existing
          1
                818770008
                                                  49
                                                                                  Graduate
                                                                                                 Single
                                                                                                           Less
                               Customer
                                Existing
          2
                                                                         3
                713982108
                                                 51
                                                         M
                                                                                  Graduate
                                                                                                Married
                               Customer
                                Existing
          3
                769911858
                                                  40
                                                                                High School
                                                                                              Unknown
                                                                                                           Less
                               Customer
                                Existing
```

### START EDA

709106358

Customer

```
In [88]:
           1 df.Attrition_Status.unique()
Out[88]: array(['Existing Customer', 'Attrited Customer'], dtype=object)
In [89]:
           1 Attrited = df[df.Attrition_Status == 'Attrited Customer']
In [90]:
           1 Attrited.shape
Out[90]: (1627, 18)
```

40

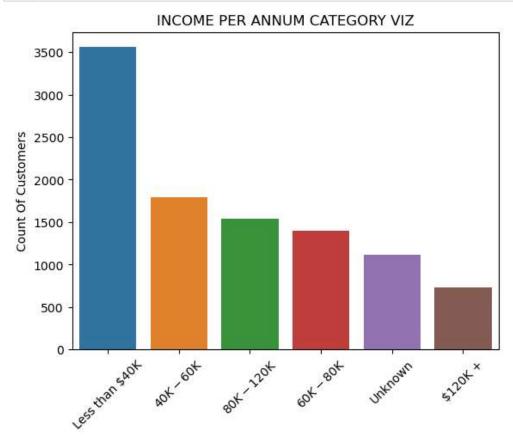
Μ

Uneducated

Married

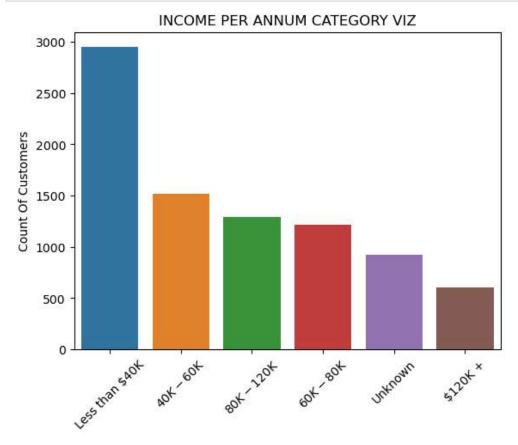
```
In [91]:
           1 Existing = df[df.Attrition_Status == 'Existing Customer']
In [92]:
           1 Existing.shape
Out[92]: (8500, 18)
In [93]:
           1 # USING INCOME_PER_ANNUM AS A METRIC TO KNOW WHAT COULD CAUSE THE CUSTOMERS ATTRITION
In [94]:
           1 df.Income_Per_Annum.unique()
Out[94]: array(['$60K - $80K', 'Less than $40K', '$80K - $120K', '$40K - $60K',
                 '$120K +', 'Unknown'], dtype=object)
In [95]:
           1 value_counts = df.Income_Per_Annum.value_counts()
In [96]:
           1 df.Income_Per_Annum.value_counts()
Out[96]: Less than $40K
                           3561
         $40K - $60K
                           1790
         $80K - $120K
                           1535
         $60K - $80K
                           1402
                           1112
         Unknown
         $120K +
                            727
         Name: Income_Per_Annum, dtype: int64
In [97]:
           1 |# WE CAN SEE THAT MOST OF THE CUSTOMERS EARN LESS THAT $40,000 PER ANNUM, WE HAVE TO PREPARE
```

```
1 sns.barplot(x=value_counts.index, y=value_counts.values)
In [98]:
             plt.title('INCOME PER ANNUM CATEGORY VIZ')
           3 plt.ylabel('Count Of Customers')
           4 plt.xticks(rotation=45)
             plt.show()
```



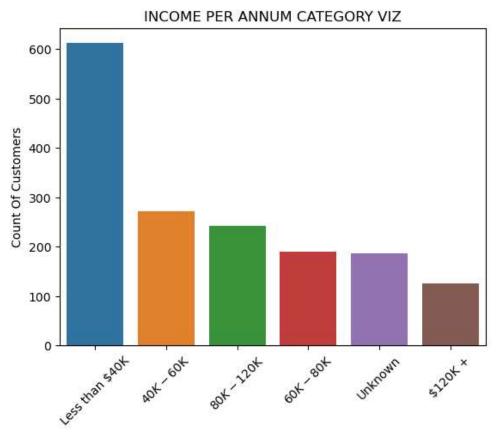
```
In [99]:
              # AFTER CHECKING THE INCOME CATEGORY OF THE MAIN DATA FRAME, WE CAN SEE THAT MOST OF OUR CUS
               # HOWEVER, WE HAVE TO CHECK THE INCOME CATEGORY OF OUR EXISTING AND ATTRITED CUSTOMERS TO GE
In [100]:
            1 Existing.Income_Per_Annum.value_counts()
Out[100]: Less than $40K
                             2949
          $40K - $60K
                             1519
          $80K - $120K
                             1293
          $60K - $80K
                             1213
                             925
          Unknown
          $120K +
                              601
          Name: Income_Per_Annum, dtype: int64
              val_counts = Existing.Income_Per_Annum.value_counts()
In [101]:
```

```
In [102]:
            1 sns.barplot(x=val_counts.index, y=val_counts.values)
              plt.title('INCOME PER ANNUM CATEGORY VIZ')
            3 plt.ylabel('Count Of Customers')
            4 plt.xticks(rotation=45)
              plt.show()
```



```
In [103]:
            1 Attrited.Income_Per_Annum.value_counts()
Out[103]: Less than $40K
                             612
          $40K - $60K
                             271
          $80K - $120K
                             242
          $60K - $80K
                             189
          Unknown
                             187
          $120K +
                             126
          Name: Income_Per_Annum, dtype: int64
In [104]:
            1 v_counts = Attrited.Income_Per_Annum.value_counts()
```

```
In [105]:
            1 | sns.barplot(x=v_counts.index, y=v_counts.values)
              plt.title('INCOME PER ANNUM CATEGORY VIZ')
            3 plt.ylabel('Count Of Customers')
            4 plt.xticks(rotation=45)
              plt.show()
```



In [106]: # WE CAN SEE FROM THE ABOVE THAT BOTH OUR EXISTING AND ATTRITED CUSTOMERS MAKE LESS THAN \$40 # WHAT THIS MEANS IS THAT THEIR ANNUAL INCOME HAS NOTHING TO DO WITH WHAT COULD MAKE SOME CU

In [107]: 1 df.head()

Out[107]:

	Client_Number	Attrition_Status	Customer_Age	Gender	Dependent_count	Education_Level	Marital_Status	Income_F
0	768805383	Existing Customer	45	М	3	High School	Married	_
1	818770008	Existing Customer	49	F	5	Graduate	Single	Les
2	713982108	Existing Customer	51	М	3	Graduate	Married	1
3	769911858	Existing Customer	40	F	4	High School	Unknown	Les
4	709106358	Existing Customer	40	M	3	Uneducated	Married	
4								<b>•</b>

In [108]: # NEXT WE HAVE TO EXPLORE THE AGE BRACKET OF OUR CUSTOMERS

In [109]: 1 df\_age = df.Customer\_Age.value\_counts().sort\_index()

```
In [110]:
            1 # CHECK FOR THE EXISTING CUSTOMERS
In [111]:
            1 Ex_age = Existing.Customer_Age.value_counts().sort_index()
In [112]:
            1 Attrited.Customer_Age.value_counts().sort_index()
Out[112]: 26
                  6
           27
                  3
           28
                  1
           29
                  7
           30
                 15
           31
                 13
           32
                 17
           33
                 20
           34
                 19
           35
                 21
           36
                 24
           37
                 37
           38
                 47
           39
                 48
          40
                 64
          41
                 76
           42
                 62
           43
                 85
           44
                 84
           45
                 79
           46
                 82
           47
                 76
           48
                 85
           49
                 79
           50
                 71
           51
                 58
           52
                 58
           53
                 59
           54
                 69
           55
                 51
           56
                 43
           57
                 33
           58
                 24
           59
                 40
           60
                 13
          61
                 17
          62
                 17
          63
                  8
           64
                  5
           65
                  9
          66
                  1
          68
          Name: Customer_Age, dtype: int64
In [113]:
            1 # FROM THIS WE CAN SEE THAT CUSTORMERS THAT CHURNED THE BANK ARE BETWEEN THE AGE BRACKET OF
               # WHAT THIS MEANS IS THESE INDIVIDUALS ARE MATURED AND POSSIBLY WITH A FAMILY AND MOST OF WH
```

```
In [114]:
            1 df.head()
```

#### Out[114]:

	Client_Number	Attrition_Status	Customer_Age	Gender	Dependent_count	Education_Level	Marital_Status	Income_F
0	768805383	Existing Customer	45	М	3	High School	Married	
1	818770008	Existing Customer	49	F	5	Graduate	Single	Les
2	713982108	Existing Customer	51	М	3	Graduate	Married	1
3	769911858	Existing Customer	40	F	4	High School	Unknown	Les
4	709106358	Existing Customer	40	М	3	Uneducated	Married	
4								<b>&gt;</b>

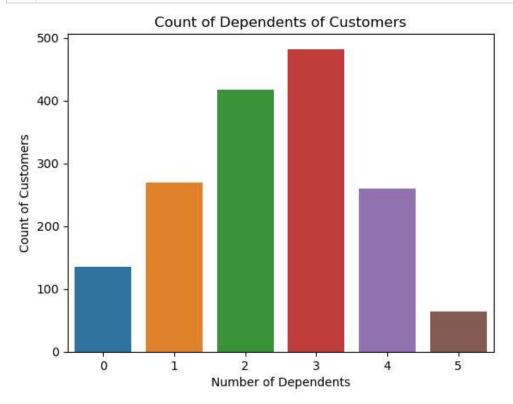
```
In [115]:
              # Next is to know the level of dependents the attrited custormers have.
```

```
In [116]:
            1 Attrited.Dependent_count.unique()
```

Out[116]: array([0, 1, 2, 4, 5, 3], dtype=int64)

```
In [117]:
            1 att = Attrited.Dependent_count.value_counts()
```

```
In [118]:
              sns.barplot(x= att.index, y = att.values)
              plt.xlabel('Number of Dependents')
              plt.ylabel('Count of Customers')
              plt.title('Count of Dependents of Customers')
              plt.show()
```



In [119]: 1 # From this we can see that most of the customers that attrited have 3 or 2 dependents that 2 | # What this means is that these custormers have other individuals they take care of asides t 3 # They may have to spend more money on these dependents than would have been if they had non-

In [120]: 1 df.head()

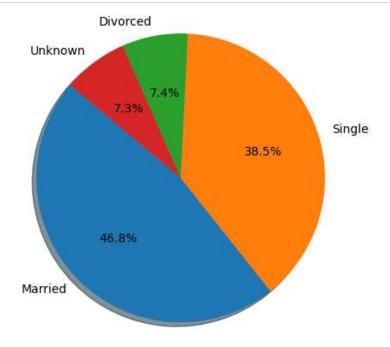
Out[120]:

	Client_Number	Attrition_Status	Customer_Age	Gender	Dependent_count	Education_Level	Marital_Status	Income_F
0	768805383	Existing Customer	45	M	3	High School	Married	
1	818770008	Existing Customer	49	F	5	Graduate	Single	Les
2	713982108	Existing Customer	51	М	3	Graduate	Married	1
3	769911858	Existing Customer	40	F	4	High School	Unknown	Les
4	709106358	Existing Customer	40	М	3	Uneducated	Married	
4								<b>•</b>

In [121]: 1 # MAKE AN ANALYSIS ON THE MARITAL STATUS OF BOTH THE EXISTING CUSTOMERS AND THE ATTRITED CUS # WE WILL DO THIS TO KNOW IF THERE ARE SOME SORT OF INCONSISTENCY BETWEEN BOTH METRICS

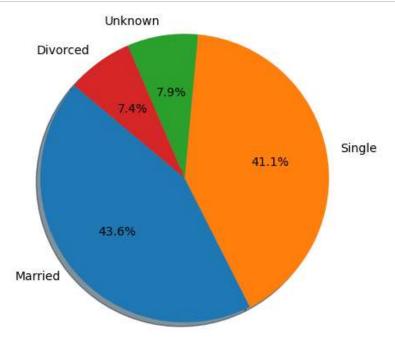
```
In [122]:
              ex = Existing.Marital_Status.value_counts()
```

In [123]: plt.pie(ex, labels=ex.index, autopct='%1.1f%%', shadow=True, startangle=140) plt.axis('equal') 3 plt.show()



```
In [124]:
            1 # NOW THE ANALYSIS FOR THE ATTRITED CUSTOMERS
In [125]:
            1 vc = Attrited.Marital_Status.value_counts()
```

```
In [126]:
            1 plt.pie(vc, labels=vc.index, autopct='%1.1f%', shadow=True, startangle=140)
              plt.axis('equal')
            3
              plt.show()
            4
```



In [127]: 1 # JUDGING FROM THIS PIE CHART DISTRIBUTION, WE CAN SEE THAT THE CUSTOMERS THAT CHURNED THE B

2 # DISTRIBUTED 50/50 BECAUSE THE DIFFERENCE BETWEEN THE MARRIED AND SINGLE IS VERY SLIM, SO W

3 # USING THIS METRIC

4 # BESIDES, MOST OF THE CLIENTS THAT ARE EXISTING ARE MARRIED, SO WE CANT SAY MARRIAGE AFFECTEL

In [128]: 1 df.head()

Out[128]:

	Client_Number	Attrition_Status	Customer_Age	Gender	Dependent_count	Education_Level	Marital_Status	Income_F
0	768805383	Existing Customer	45	М	3	High School	Married	
1	818770008	Existing Customer	49	F	5	Graduate	Single	Les
2	713982108	Existing Customer	51	M	3	Graduate	Married	1
3	769911858	Existing Customer	40	F	4	High School	Unknown	Les
4	709106358	Existing Customer	40	М	3	Uneducated	Married	
4								<b>•</b>

In [129]: 1 | credit\_report = Attrited[['Credit\_Limit', 'Total\_Revolving\_Bal', 'Avg\_Open\_To\_Buy', 'Total\_T

In [130]: 1 pd.set\_option('display.max\_rows', None)

```
In [131]:
             1 credit_report
Out[131]:
                  Credit_Limit Total_Revolving_Bal Avg_Open_To_Buy Total_Trans_Ct
               21
                       1438.3
                                             0
                                                          1438.3
                                                                           16
               39
                       7882.0
                                           605
                                                          7277.0
                                                                           16
                       1438.3
                                           808
                                                           630.3
                                                                           19
               51
                      15769.0
               54
                                             0
                                                         15769.0
                                                                           15
               61
                      34516.0
                                             0
                                                         34516.0
                                                                           15
               82
                       2158.0
                                                          2158.0
                                                                           12
               99
                       5449 0
                                           1628
                                                          3821.0
                                                                           18
                      11669.0
                                           2227
                                                          9442.0
              127
                                                                           23
              140
                       8025.0
                                                          8025.0
                                                                           18
                      14979.0
                                             0
                                                         14979.0
              144
                                                                           10
              145
                       2732.0
                                             0
                                                          2732.0
                                                                           16
             1 credit report.Total Revolving Bal.max()
In [132]:
             2 credit report.Total Revolving Bal.min()
Out[132]: 0
In [133]:
               credit_report.Total_Revolving_Bal.value_counts().sort_index().head()
Out[133]: 0
                   893
           132
                     1
           134
                     1
           145
                     1
           154
                     1
           Name: Total_Revolving_Bal, dtype: int64
In [134]:
             1 Attrited.shape
Out[134]: (1627, 18)
In [135]:
               # what we can make of this is that of the 1627 customers that churned only 893 do not owe the
               # that means 734 of these attrited customers owe the bank
In [136]:
               ## Next thing to do is check the credit report for our existing customers
               credit_report2 = Existing[['Credit_Limit', 'Total_Revolving_Bal', 'Avg_Open_To_Buy', 'Total_
In [137]:
In [138]:
             1 | credit_report2.Total_Revolving_Bal.value_counts().sort_index().head()
Out[138]: 0
                   1577
           429
                      1
           451
                      1
           456
                      1
           Name: Total Revolving Bal, dtype: int64
In [139]:
               pd.reset_option('display.max_rows')
```

In [140]:	<pre>## Most of our existing customers owe us too because of the 8500 existing customers, only ## Leaving 6923 oweing the bank and are still existing.</pre>	15
In [ ]:	1	

#### THEORY OF ANALYSIS

- INITIALLY. WHAT WE ARE INTERESTED IN. OR THE BOTTOM LINE OF THIS ANALYSIS IS TO KNOW WHAT COULD BE A PRINCIPAL REASON AS TO WHY SOME OF OUR CUSTOMERS STOP USING OUR CREDIT CARD SERVICE.
- -THERE ARE VARIOUS REASONS THAT CAN CAUSE SUCH DECISION TO CHURN THE BANK SOME OF WHICH COULD RANGE FROM SOCIAL REASONS TO TRANSACTIONAL REASONS (ECONOMICAL).
- WE KNOW FOR A FACT THAT THE ONLY LOGICAL REASON FOR THEM CHURNING THE BANK HAS TO DO WITH A SOCIOECONOMIC CAUSE, THEREFORE, WE HAVE TO MAKE A SOCIOECONOMICAL ANALYSIS TO FIND OUT WHY.
- > FIRSTLY, JUST LIKE ANY GOOD ANALYSIS, THE DATA CLEANING HAS TO BE DONE.
- > AN ANALYSIS WAS DONE ON THE INCOME PER ANNUM OF ALL CUSTOMERS AND WE FOUND OUT THAT MOST OF OUR CUSTOMERS MAKE LESS THAN 40,000 DOLLARS, THIS SAME ANALYSIS APPLIED TO BOTH EXISTING AND ATTRITED CUSTOMERS WHICH MEANS THEIR ANNUAL REVENUE HAS LITTLE OR NOTHING TO DO WITH THEIR DECISION TO CHURN.
- > ANOTHER METRIC WE EXPLORED WAS TO KNOW THE AGE BRACKET OF THE CUSTOMERS THAT ATTRITED AND WE FOUND OUT THAT MOST OF THEM ARE BETWEEN THE AGE OF 37-59, THIS GIVES US AN INSIGHT THAT THESE ARE MATURED INDIVIDUALS WHO MOST LIKELY HAVE A FAMILY THEY TAKE CARE OF WHICH BREEDS A NEED TO EXTENSIVELY MAKE USE OF THEIR CREDIT CARDS.
- > SPEAKING OF FAMILIES, WE MADE AN ANALYSIS TO KNOW THE RATIO OF CUSTOMERS WITH FAMILIES AND ONES THAT ARE STILL SINGLE AND ALSO THEIR NUMBER OF DEPENDENTS, THE RESULT CAME OUT AS MOST OF OUR EXISTING CUSTOMERS ARE MARRIED AND WITH 2-3 DEPENDENTS WHILE CUSTOMERS THAT ATTRITED HAVE THE DISTRIBUTION AT 50/50 WITH SOME OF THEM HAVING 3 DEPENDENTS OR 2-3, WHAT THIS MEANS IS THAT WE CAN NOT USE THEIR SOCIAL LIFE AS A PRINCIPAL REASON FOR THE ATTRITED CUSTOMERS CHURING THE CREDIT CARD SERVICE. WE ONLY KNOW THEY HAVE A REASON TO REALLY USE THE SERVICE.
- > WHAT WE ARE LEFT WITH IS TO ENGAGE IN A TRANSACTIONAL ANALYSIS WHICH BRINGS US TO THE ECONOMICAL PART OF THE ANALYSIS. THE INSIGHT WE BROUGHT OUT IS THAT OF THE 1600+ CUSTOMERS THAT CHURNED THE BANK CREDIT CARD SERVICE, 890+ OF THEM DO NOT OWE THE ORGANIZATION AS THEIR TOTAL REVOLVING BALANCE OR CURRENT ACCOUNT INDICATES 0 WHICH MEANS A LITTLE MORE THAN HALF OF THEM DO NOT OWE THE BANK, HOWEVER, OF OUR EXISTING CUSTOMERS OR THE ACTIVE CUSTOMERS, JUST 1700+ OF THE 8500 OF THEM DO NOT OWE THE ORGANIZATION BECAUSE THEIR TOTAL REVOLVING BALANCE OR CURRENT BALANCE INDICATES SO, WHAT THIS MEANS PRIMARILY IS THAT, OUR EXISTING CUSTOMERS ARE STILL WITH US BECAUSE THEY ARE STILL ACTIVELY INVOLVED IN USING THE CREDIT CARD TO NAVIGATE THEIR LIVES AND THE ONES THAT LEFT ARE NOT REALLY "A FAN" OF USING CREDIT CARDS POSSIBLY BECAUSE THEY DO NOT WANT TO ENTERTAIN OWING THE BANK AND THE ONES THAT EVEN OWE THE BANK LEFT BECAUSE THEY OWE THE BANK.

SOLUTION: THE PRIMARY SOLUTION IS TO REORIENTATE OUR CUSTOMERS ON THE NEED TO ONLY USE THEIR CREDIT CARDS WHEN EXTREMELY NECESSARY AND ALSO TO PAY UP ON THEIR CURRENT BALANCE. REORIENTATION IS A VERY VITAL TECHNIC THAT WORKS PSYCHOLOGICALLY.

ALSO THERE IS NEED TO CONTACT OUR ATTRITED CUSTOMERS AND REMIND THEM OF HOW WELL WE ARE WILLING TO SERVE THEM MORE IF THEY CHOOSE TO COME BACK TO USING OUR SERVICE, WE ALSO HAVE TO OFFER INCENTIVES THAT WILL BE OF VALUE TO BOTH PARTIES. IF THESE CHURNING CUSTOMERS ARE BACK IN THE SYSTEM, OUR REORIENTATION TECHNIC WILL ALSO PROPEL THEM TO MAKE VALUEABLE CHOICES AND ALSO PAY UP THEIR CURRENT BALANCE.

# **ANALYSIS BY: GABRIEL STEVEN OLUWAPELUMI**