## Assignment 2

## **Problem Statement:**

## **Real Time Communication System Powered By AI For Specially Abled**

Student Name	JM.Dharmaraj
Student Roll Number	814719106016

Assignment 2: Download the Set and Load the Set

###	RowNumber   Customerid   Surname   CreditScore   Geography   Gender   Age   Tenure   Balance   NumOfFroducts   HasCrCard   IsActiveMember   EstimatedSalary   Exited     1   16634602   Hargrave   619   France   Female   42   2   2   0.00   1   1   1   1   1   1   1   1   1	
38.9	######################################	
Num IsAci Estin	RowNumber - Customerid - Cuffscore - Age - Enure - Balance - Immeded Salary - Extreed - Day - Da	
Set timed from the state of the	Total Transition	, , , , , , , , , , , , , , , , , , ,
756 ma  [19]: ###  [20]: df.  [20]: Rowl Cust Surr Cree Geog Gene Age Tene Bala Numm Hase IsAe Est:	5% 7500.25000 1.575323e+07 718.00000 44.00000 7.00000 127644.240000 2.00000 1.00000 1.00000 149388.247500 0.000000  max 10000.00000 1.581569e+07 850.00000 92.00000 10.00000 250898.09000 4.00000 1.00000 1.00000 199992.480000 1.00000  ###############################	
dty   [21]:	The state of the s	, the
[23]: sns	ns.boxplot(df['EstimatedSalary']);  \[ \text{Users\Admin\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12 y valid positional argument will be 'data', and passing other arguments without an explicit keyword will result in an error or misinterpretation.  \[ \text{warnings.warn}(\) \]	, the
[25]: sns	25000 50000 75000 100000125000150000175000 200000 EstimatedSalary  NS.boxplot(df['Balance'])  NUsers\Admin\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12 y valid positional argument will be 'data', and passing other arguments without an explicit keyword will result in an error or misinterpretation. warnings.warn( xeesSubplot:xlabel='Balance'>	, the
[26]: sns	o 50000 100000 150000 200000 250000  ns.boxplot(df['Tenure'])  Value of the content of the	, the
[27]: sns	Nusers\Admin\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12 y valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.    Valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.    Xessubplot:xlabel='HasCrCard'>	, the
[30]: ###  [31]: df <class< td=""><td>  RowNumber   10000 non-null   int64    </td><td></td></class<>	RowNumber   10000 non-null   int64	
[35]: df] [36]: df [36]: 2	RowNumber   Customeria   Surname   CreditScore   Geography   Gender   Age   Tenure   Balance   NumOfFroducts   HasCrCard   IsActiveMember   EstimatedSalary   Exited     1   16634602   Hargrave   619   0 0 0 42 2 0 0.00   1 1 1 1 101348.88	
9999 1000  [37]: ###  [38]: ###  [39]: df  [39]: 0  11  23  34   9998 9998 9998 1000  [49]: x = y = 1  [50]: from [51]: xtr	100 10000 15628319 Waker 792 0 0 28 4 130142.79 1 1 0 36190.78 0  100 1000 rows x 14 columns    Continue	
[40]: ### [41]: fro fro [42]: n = s = [43]: x = y = [45]: n_>	7000, 13), (3000, 13))  ##################################	