{ "cells": [ { "cell\_type": "markdown", "id": "5994cc48", "metadata": {}, "source": [ "# Assignment 2 – KARTHIKEYAN R\n", "# 1. Download the dataset from the source [here](https://drive.google.com/file/d/1\_HcM0K8wt4b7FMLkc1V1dv0y6I\_9ULzy/view?usp=sharing).\n", "\n", "\*\*About the dataset:\*\*  
\n", "\n", "This dataset is all about churn modelling of a credit company. It has the details about the end user who are using credit card and also it has some variables to depicit the churn of the customer.  
\n", "\n", "\*\*RowNumber\*\* - Serial number of the rows  
\n", "\*\*CustomerId\*\* - Unique identification of customer  
\n", "\*\*Surname\*\* - Name of the customer  
\n", "\*\*CreditScore\*\* - Cipil score of the customer  
\n", "\*\*Geography\*\* - Location of the bank  
\n", "\*\*Gender\*\* - Sex of the customer   
\n", "\*\*Age\*\* - Age of the customer  
\n", "\*\*Tenure\*\* - Repayment period for the credit amount  
\n", "\*\*Balance\*\* - Current balance in thier creidt card  
\n", "\*\*NumOfProducts\*\* - Products owned by the customer from the company  
\n", "\*\*HasCrCard\*\* - Has credit card or not (0 - no , 1 - yes)  
\n", "\*\*IsactiveMember\*\* - Is a active member or not  
\n", "\*\*EstimatedSalary\*\* - Salary of the customer  
\n", "\*\*Exited\*\* - Churn of the customer" ] }, { "cell\_type": "code", "execution\_count": 1, "id": "b72f85a9", "metadata": {}, "outputs": [], "source": [ "import warnings\n", "warnings.filterwarnings(\"ignore\")" ] }, { "cell\_type": "code", "execution\_count": 2, "id": "8f8e9dda", "metadata": {}, "outputs": [], "source": [ "import pandas as pd\n", "import numpy as np\n", "import seaborn as sns\n", "import matplotlib.pyplot as plt" ] }, { "cell\_type": "markdown", "id": "dfdb3561", "metadata": {}, "source": [ "# 2. Load the dataset" ] }, { "cell\_type": "code", "execution\_count": 3, "id": "01f646f2", "metadata": {}, "outputs": [ { "data": { "text/html": [ "

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