**Detecting Parkinsons Disease using Machine Learning**

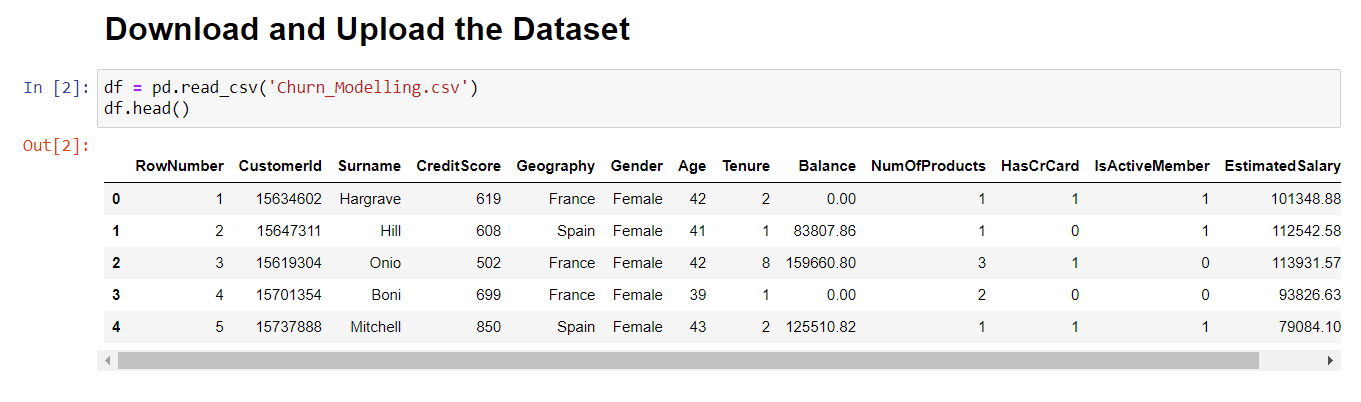
**ASSIGNMENT - 2**

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| Date | 26th September 2022 |
| Team ID | PNT2022TMID27836 |
| Student Name | Prabhakaran M (311519104044) |
| Domain Name | Healthcare |
| Project Name | Detecting Parkinsons Disease using Machine Learning |
| Maximum Marks | 2 Marks |

**1.)IMPORT THE REQUIRED LIBRARIES**

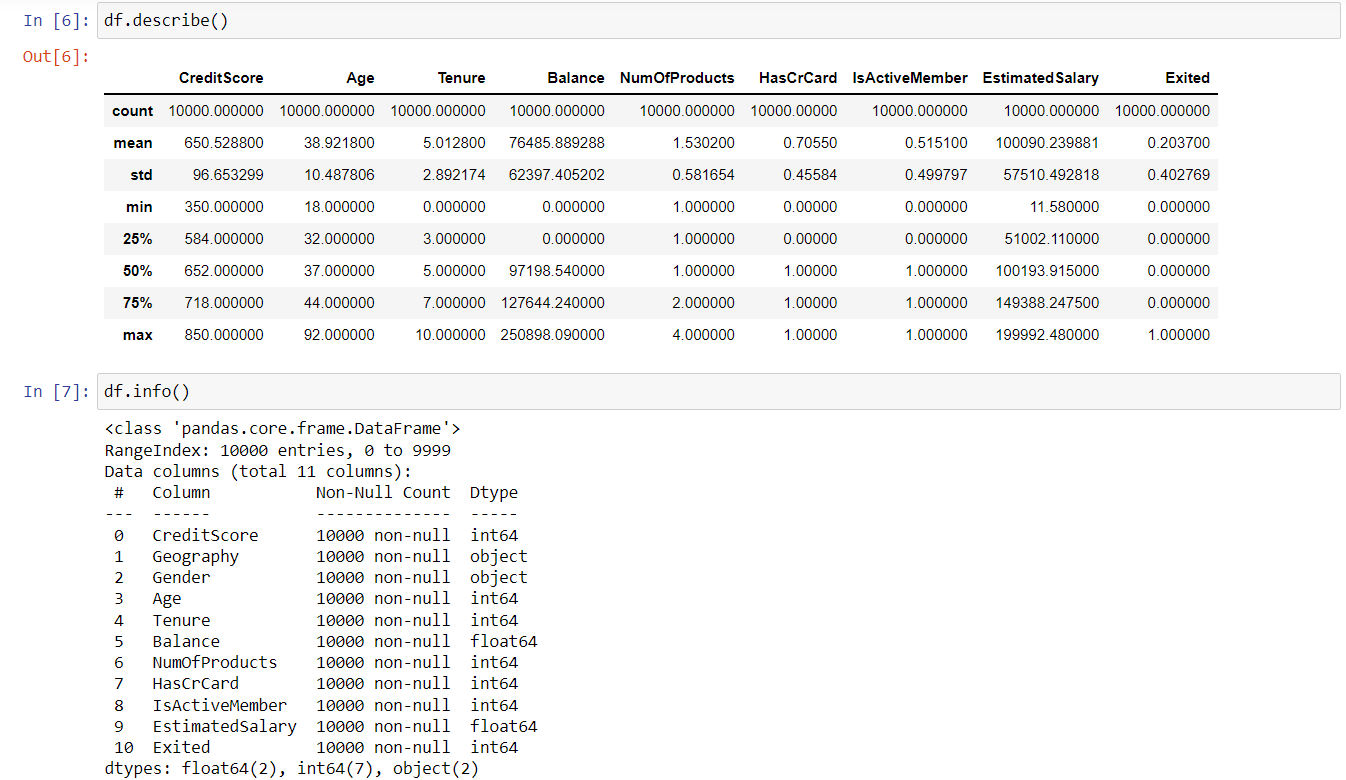
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**2.)DOWNLOAD AND UPLOAD THE DATASET**

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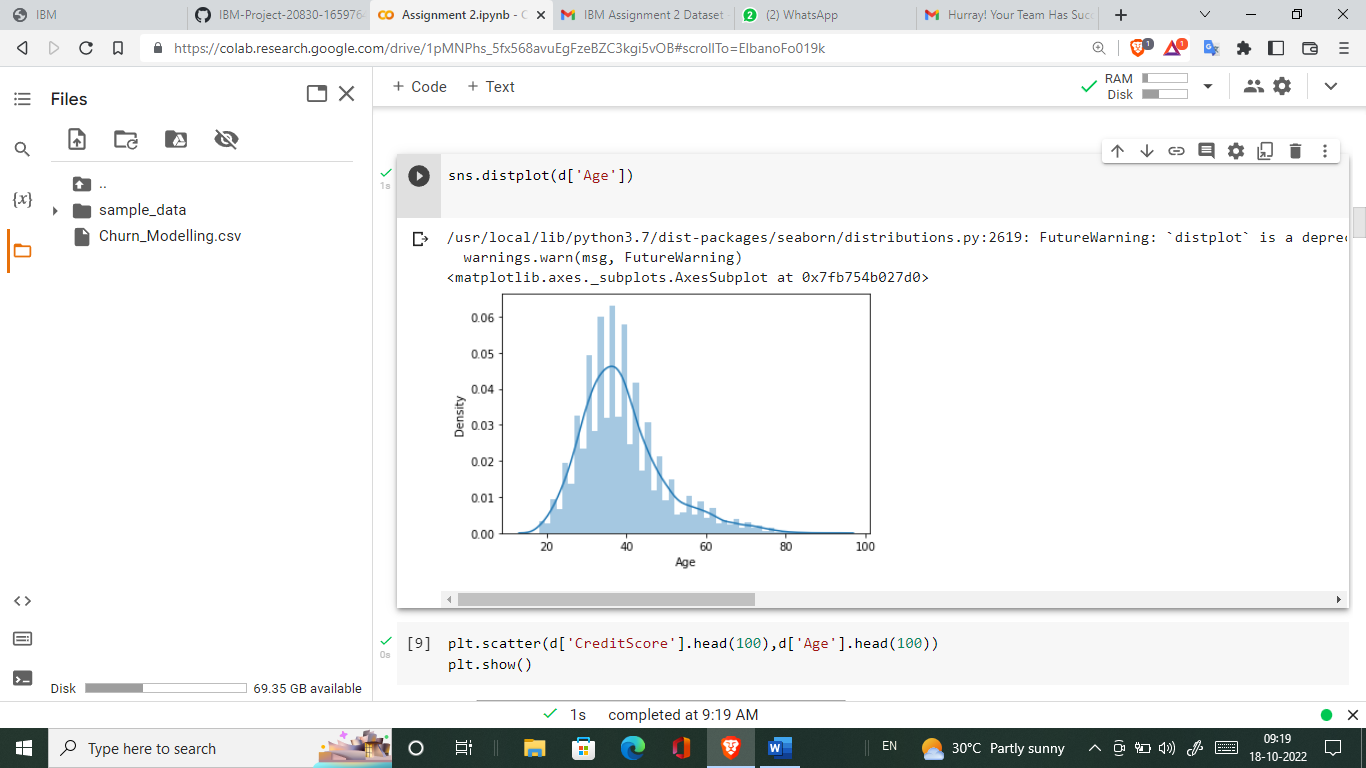
**3.)HANDLE MISSING VALUES IN THE DATASET**

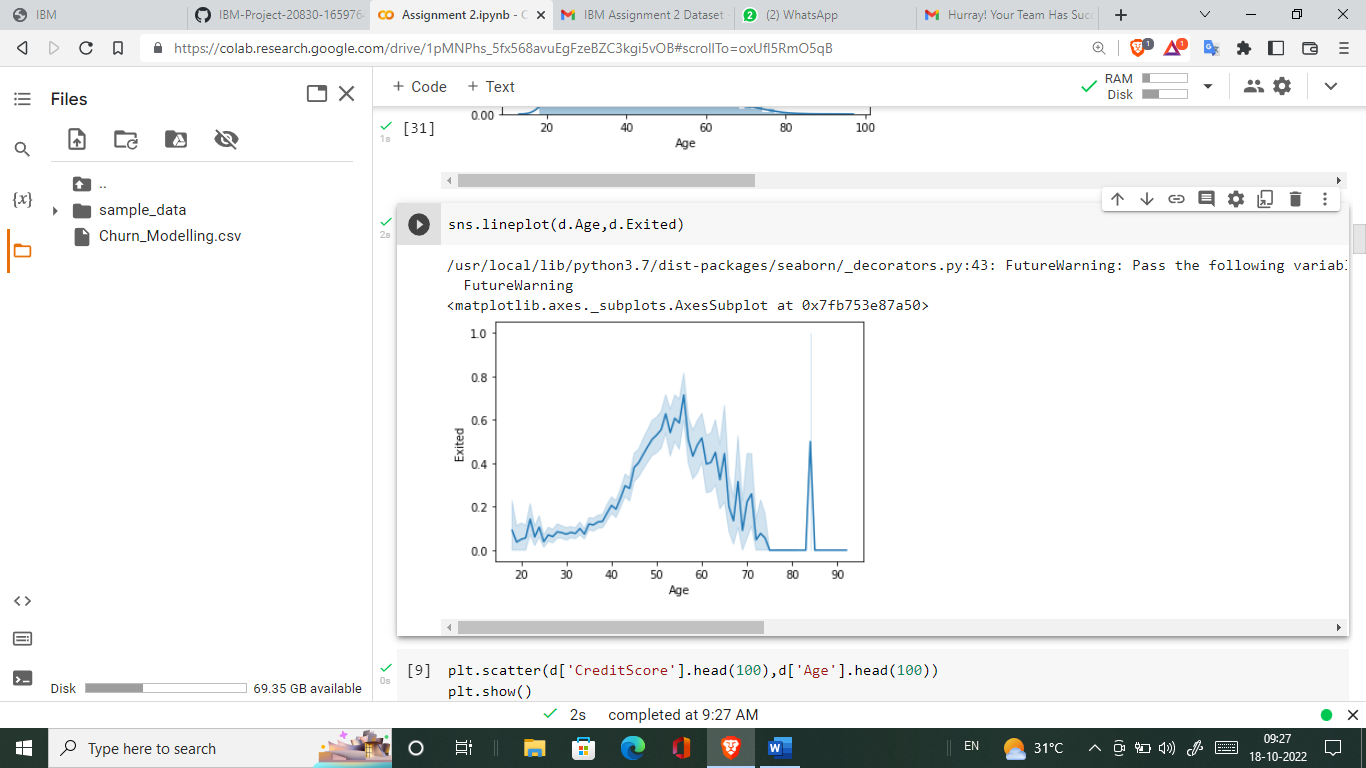
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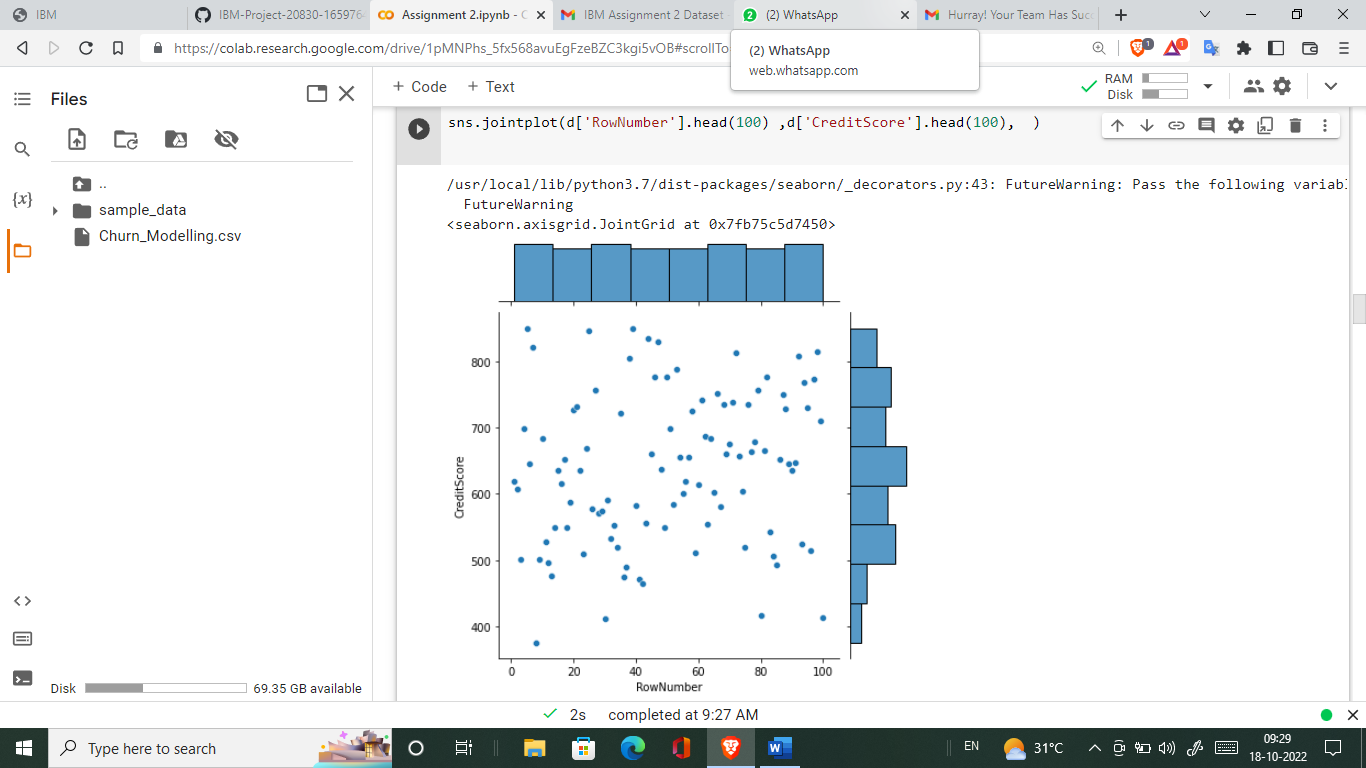
**4.) PERFORM THE DESCRIPTIVE STATISTICS ON THE DATASET**

**5.) PERFORM VARIOUS VISUALISATIONS**

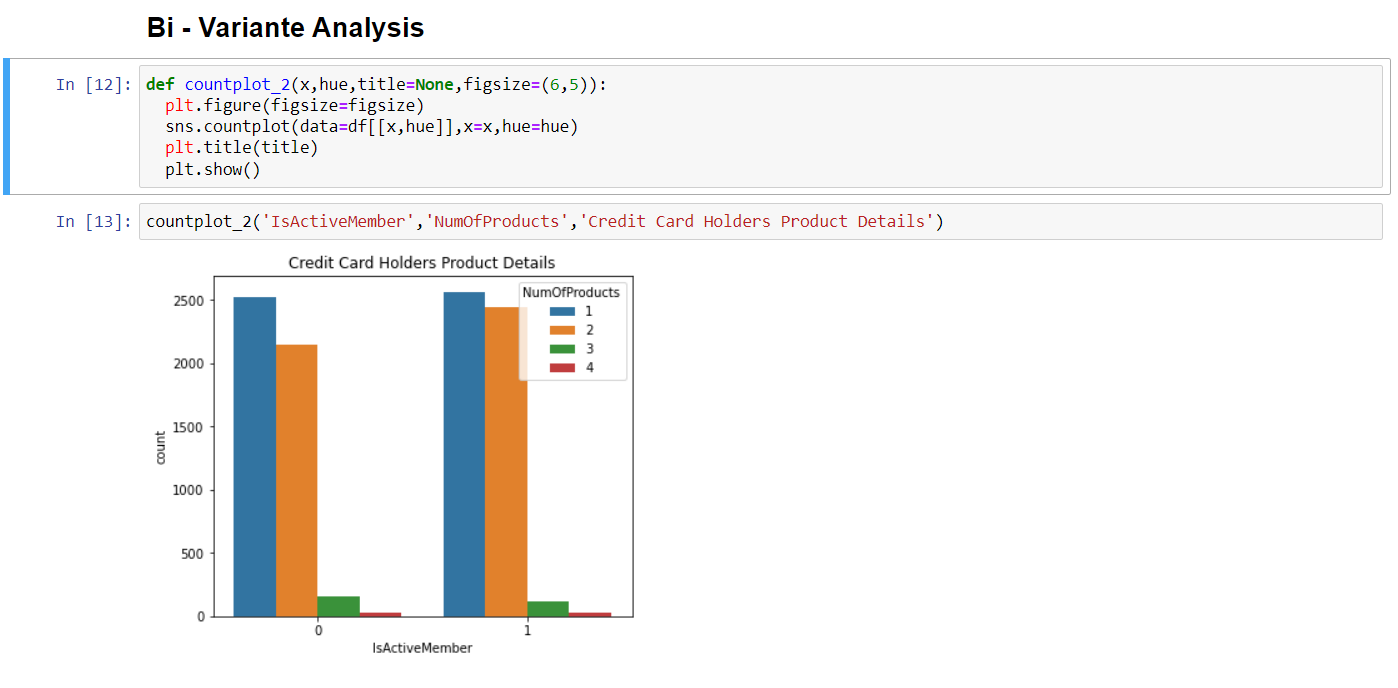
**a.) UNIVARIANTE ANALYSIS**

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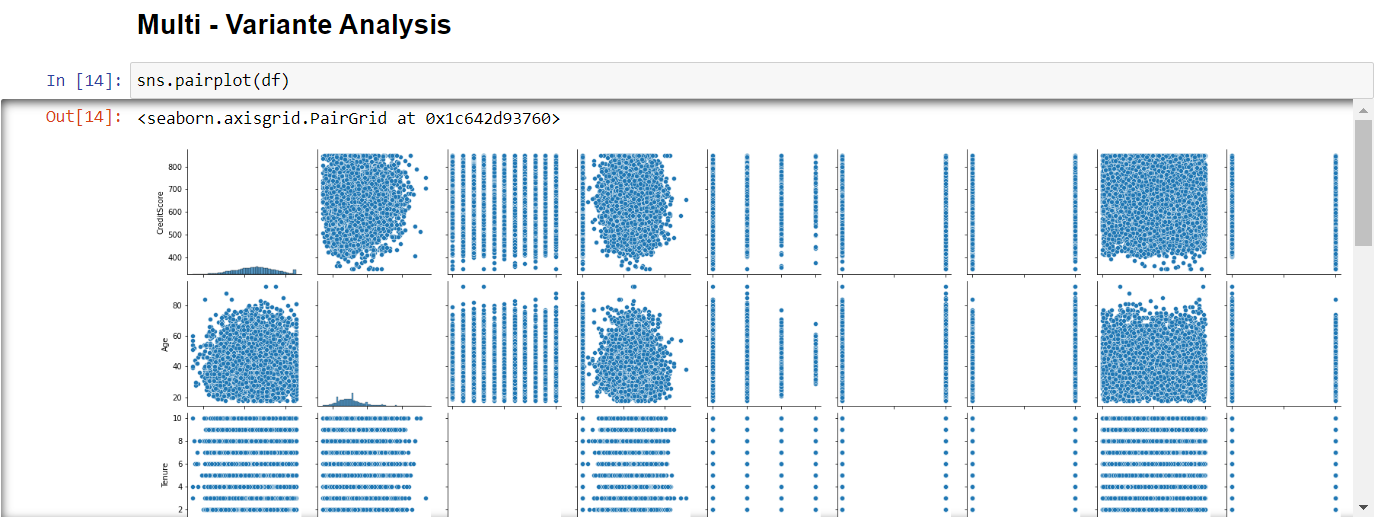


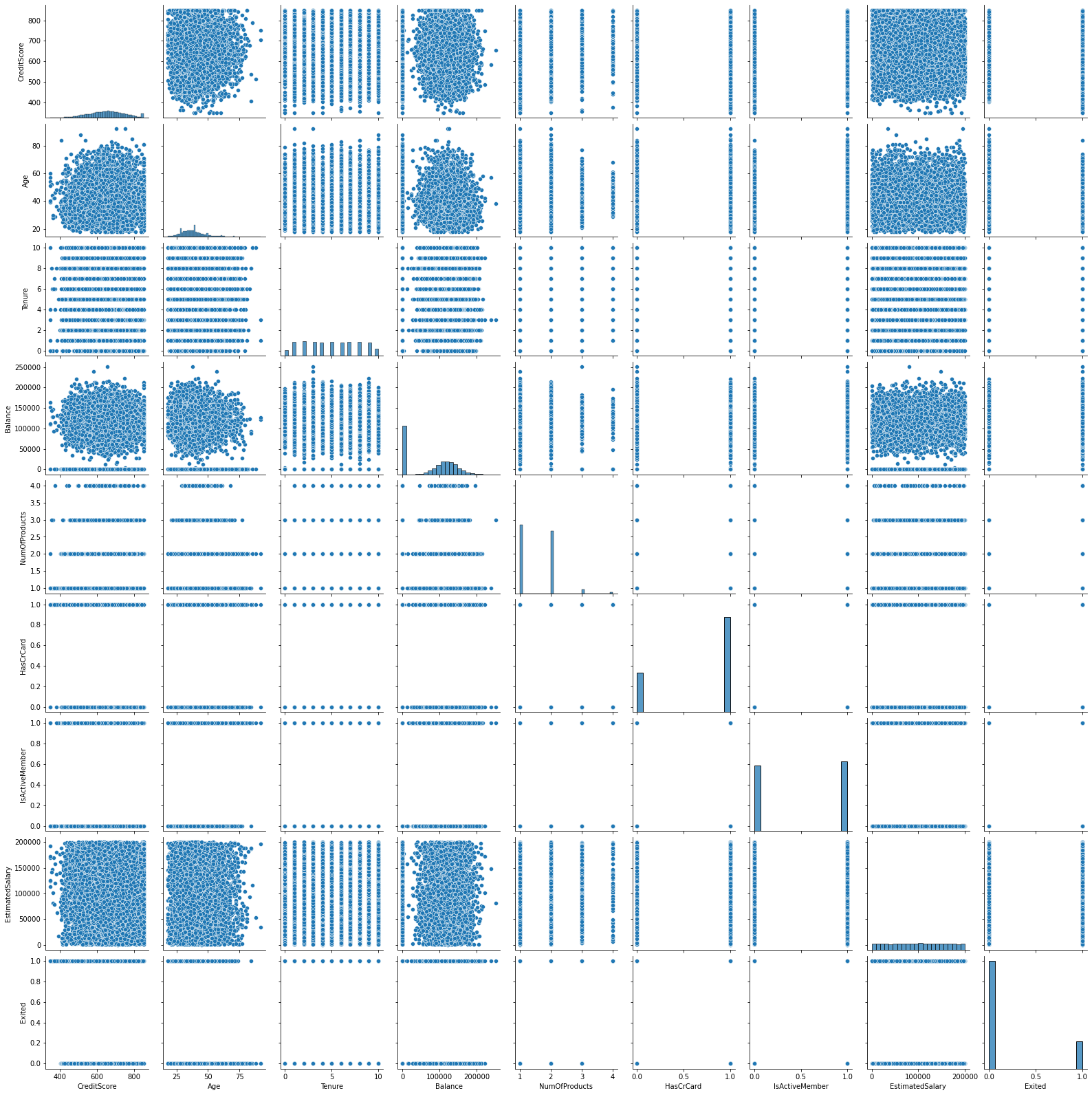
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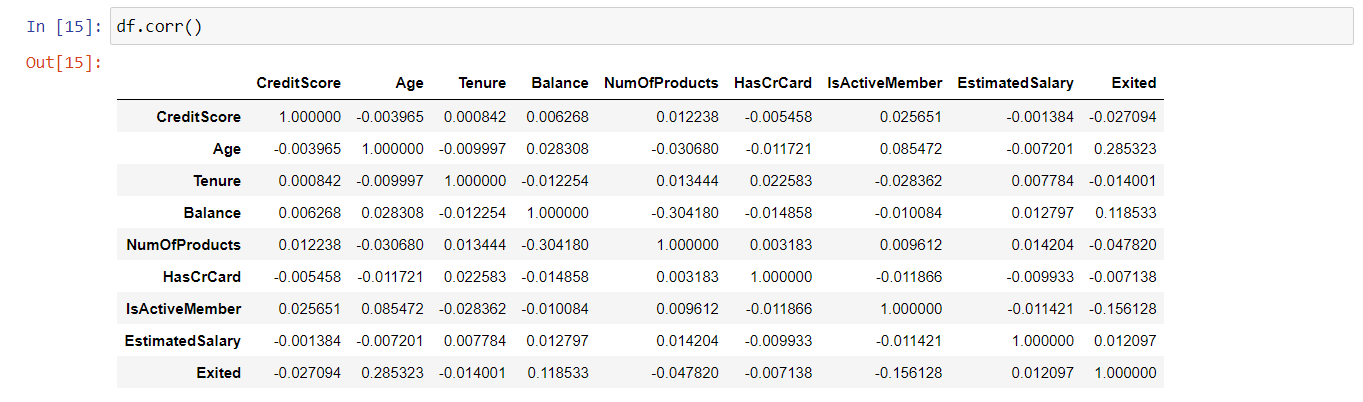
**b.) BI - VARIANTE ANALYSIS**

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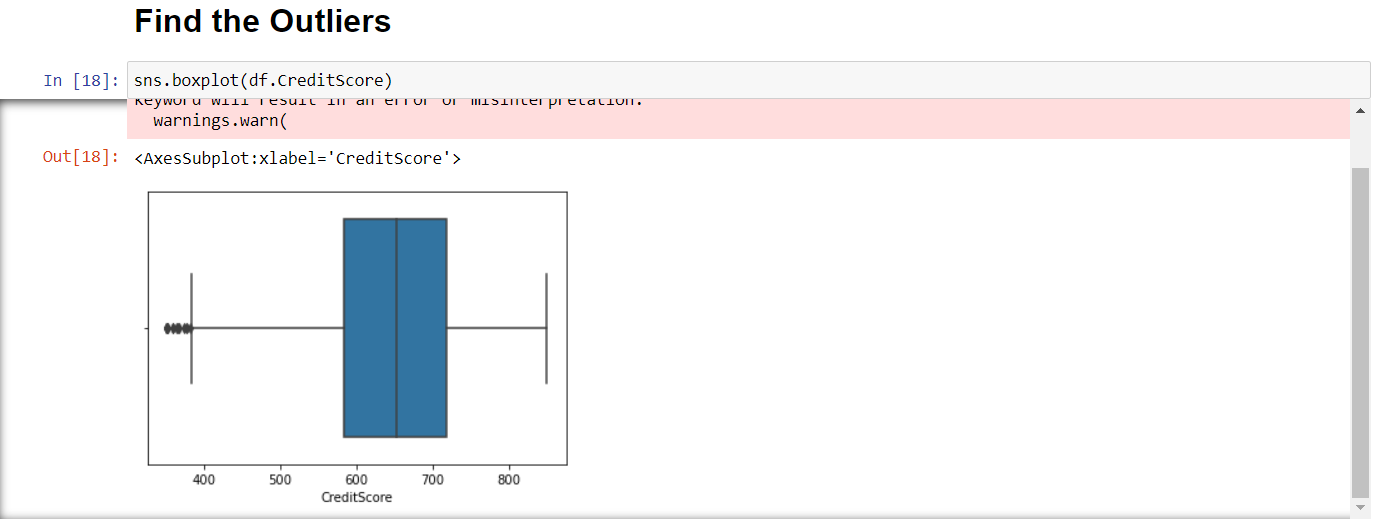
**c.) MULTI - VARIANTE ANALYSIS**

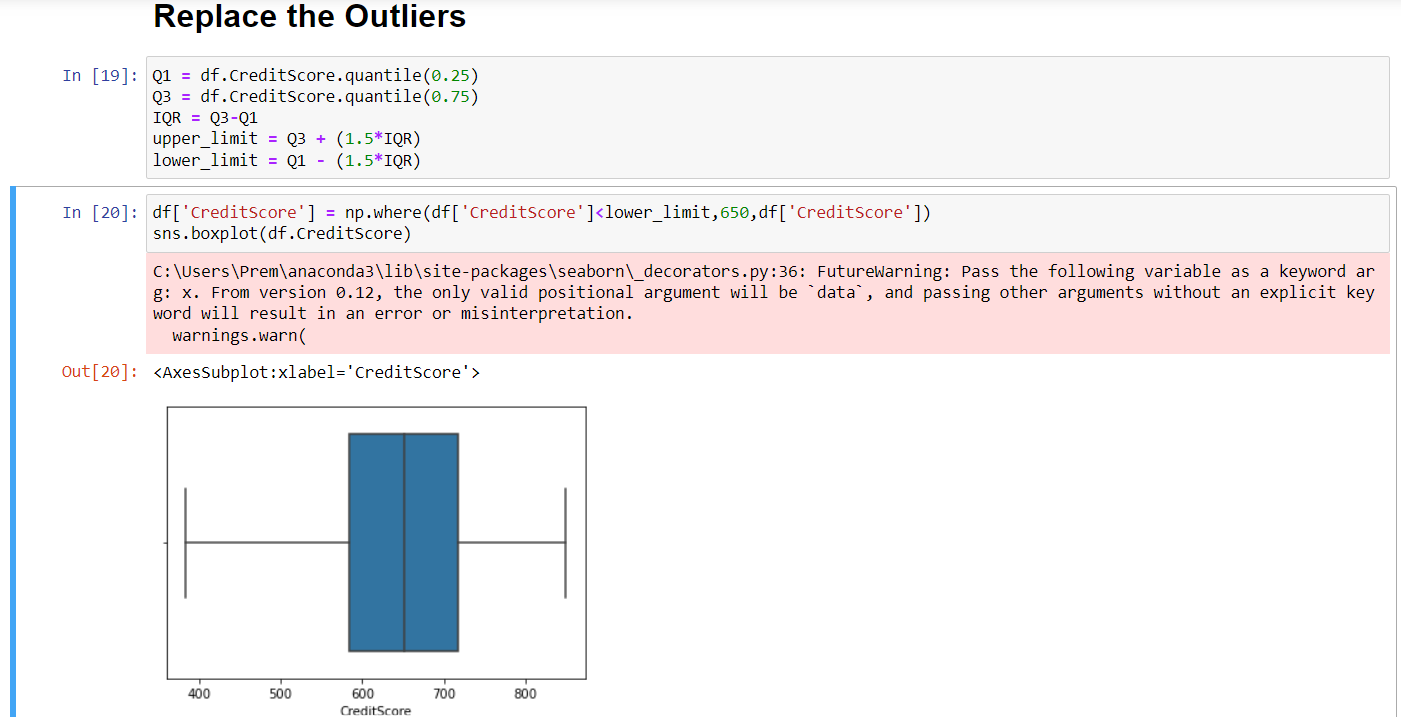
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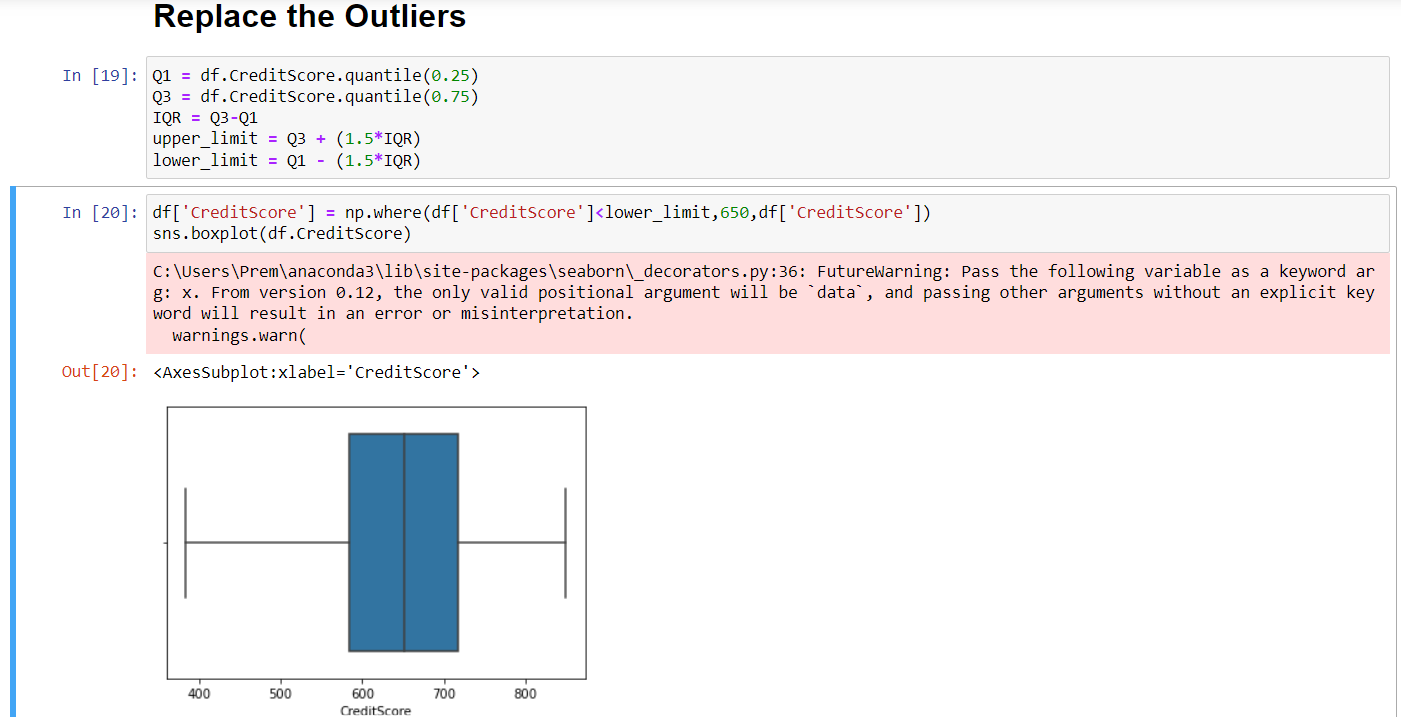
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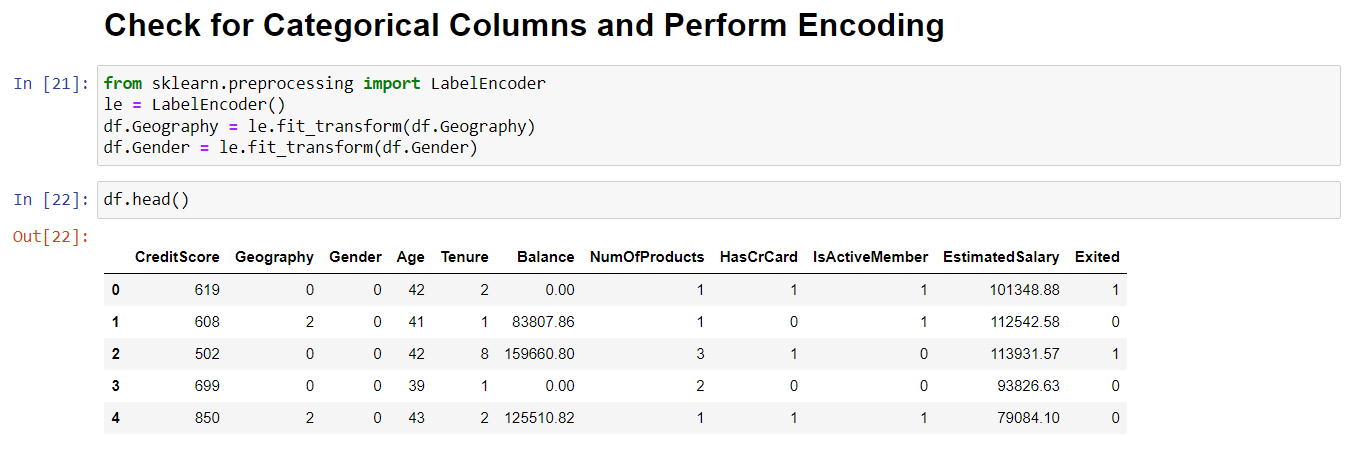
**6.) FIND AND REPLACE THE OUTLIERS**

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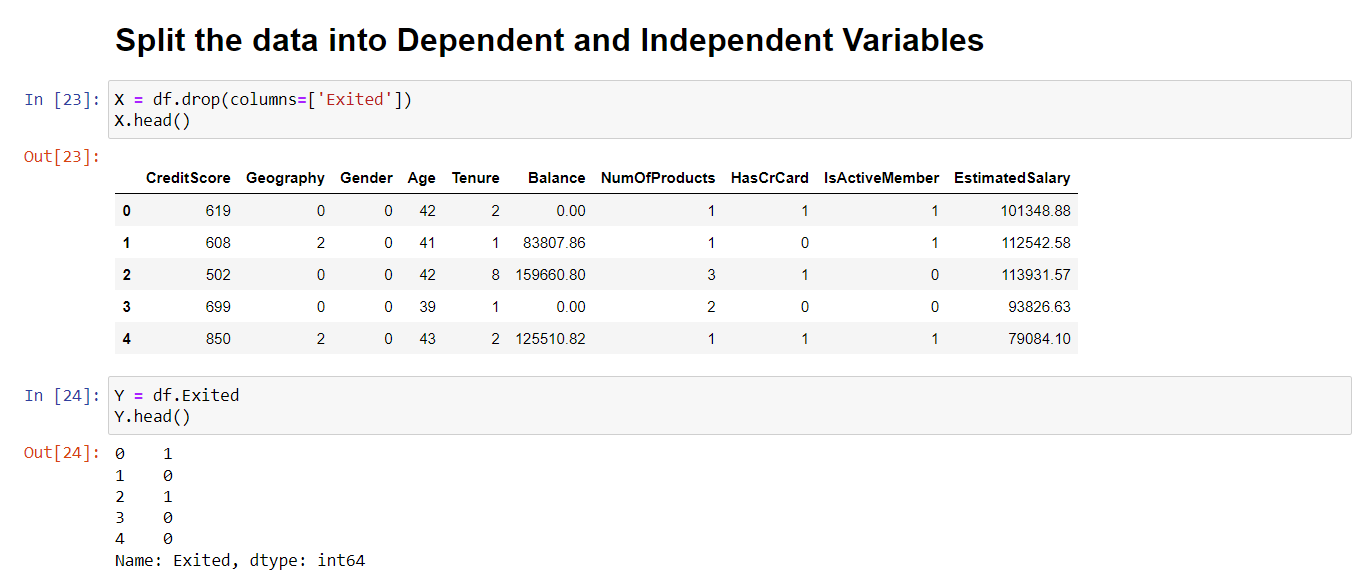
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**7.) CHECK FOR CATEGORICAL COLUMNS AND ENCODE THEM**

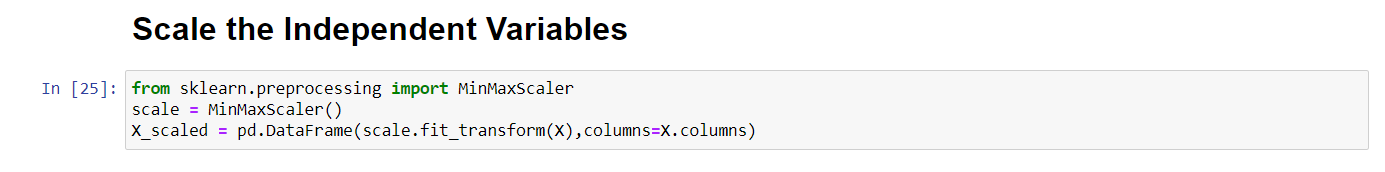
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**s**

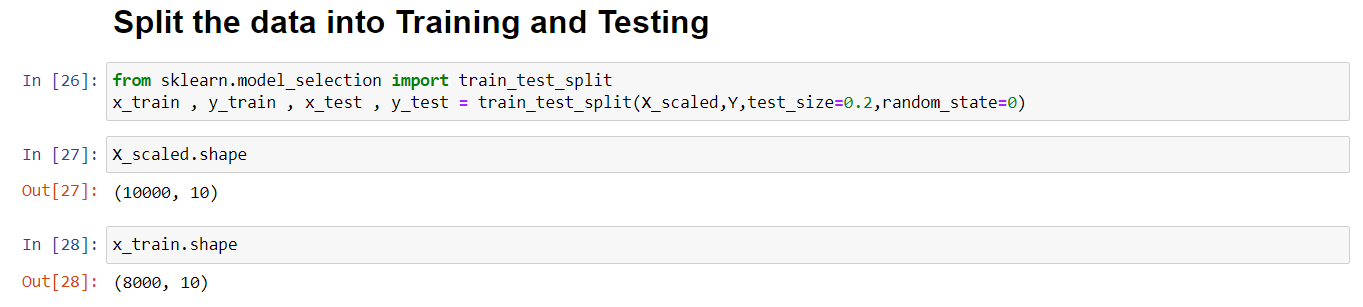
**8.)SPLIT DATA INTO DEPENDENT AND INDEPENDENT VARIABLES**

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**9.) SCALE THE INDEPENDENT VARIABLES**

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**10.)SPLIT THE DATA INTO TRAINING AND TESTING**

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