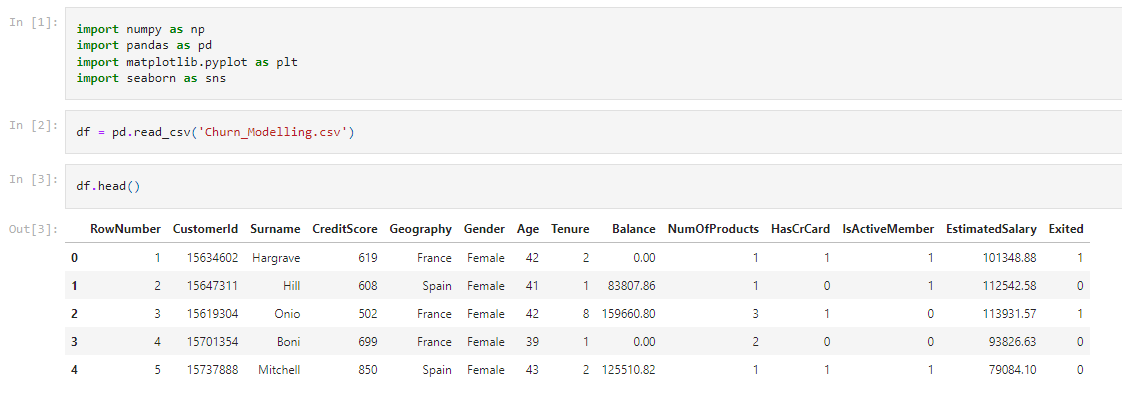
**Assignment -2**

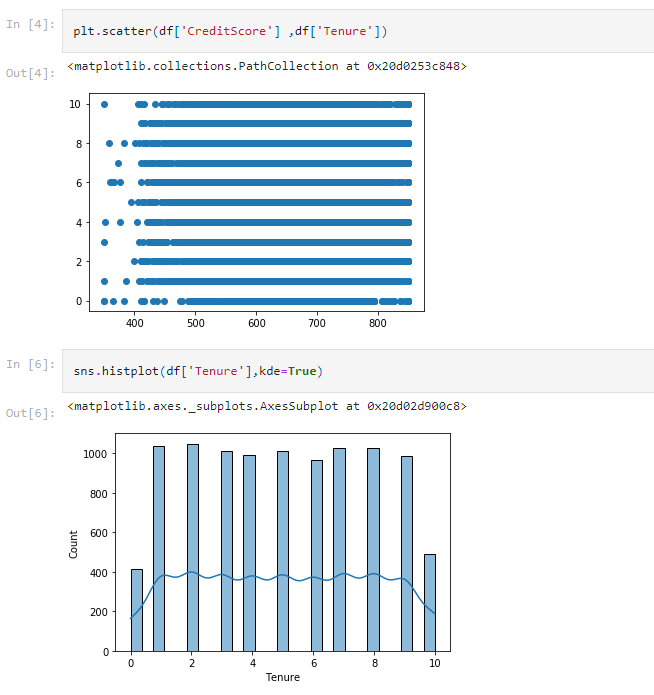
**Python Programming**

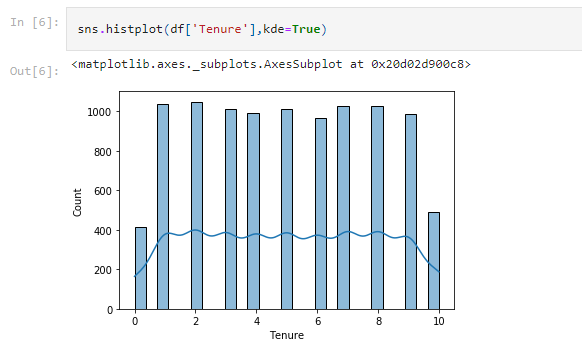
|  |  |
| --- | --- |
| Assignment Date | 29 September 2022 |
| Student Name | Daphne Sharon R |
| Student Roll Number | 311119205009 |
| Maximum Marks | 2 Marks |

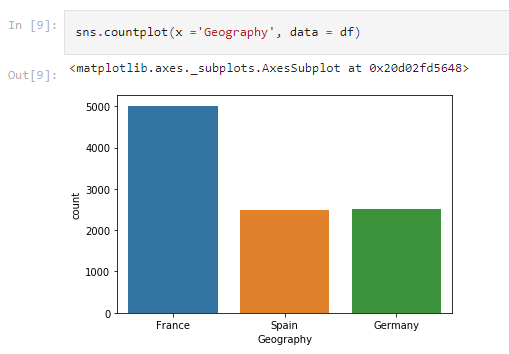
**1 & 2) Download and Load the dataset**

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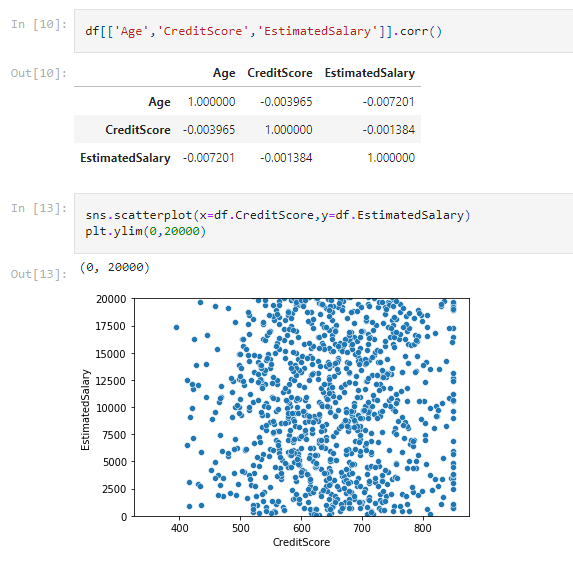
**3.1) Univariate Analysis**

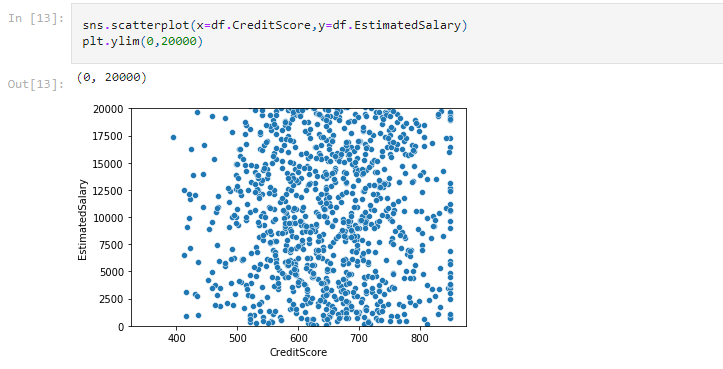
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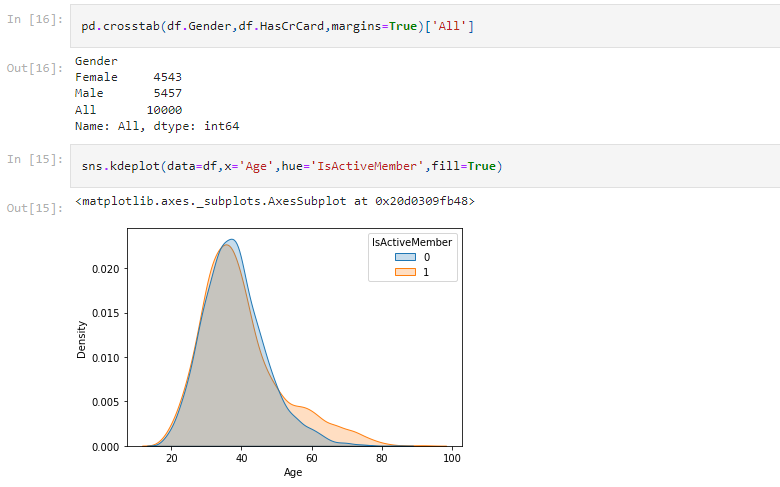




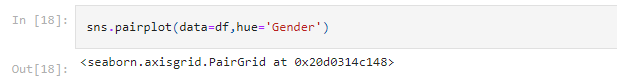
**3.2) Bivariate Analysis**

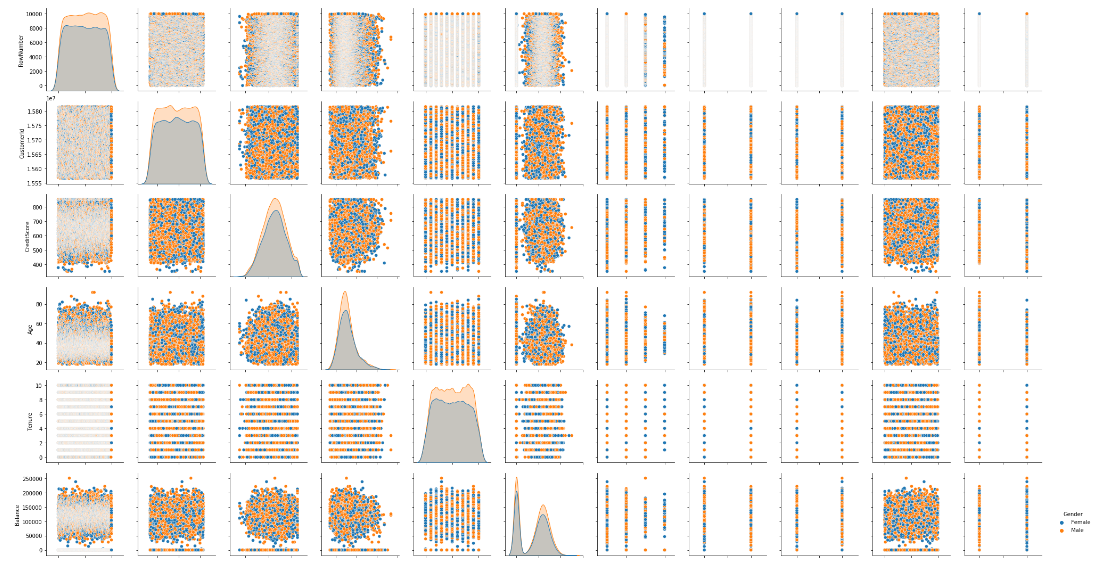
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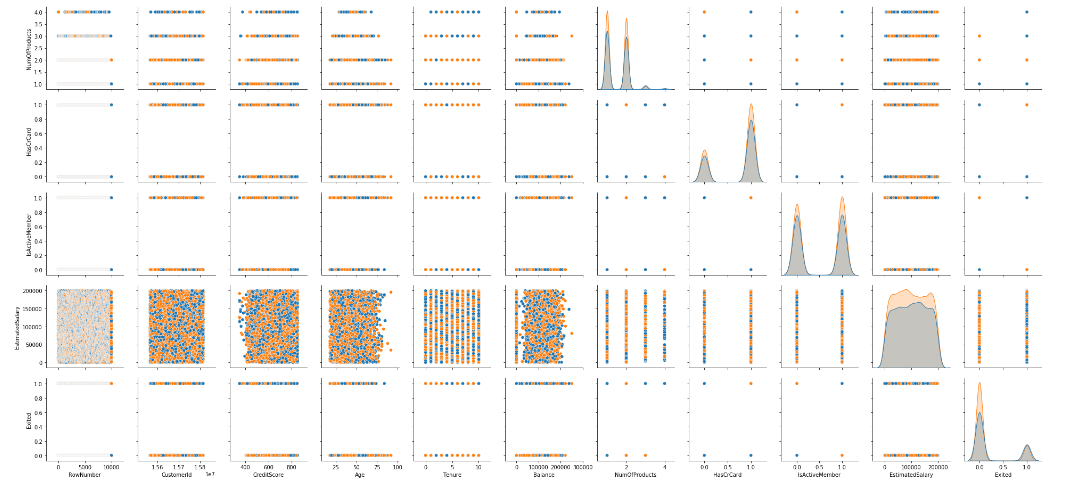
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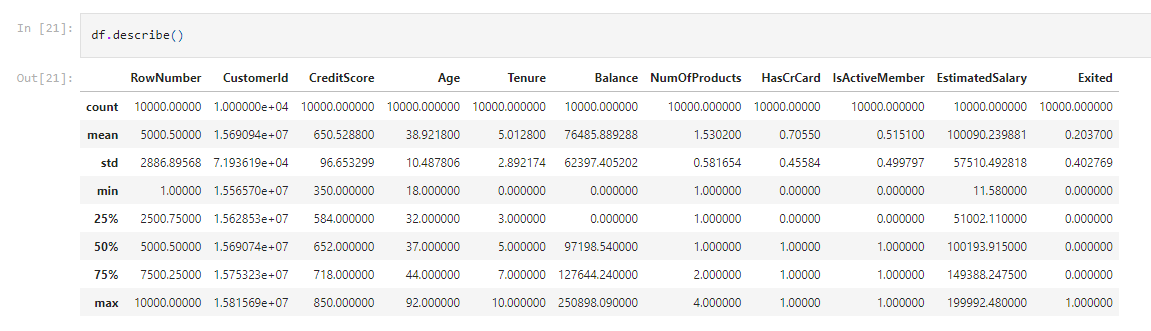
**3.3) Multivariate Analysis**

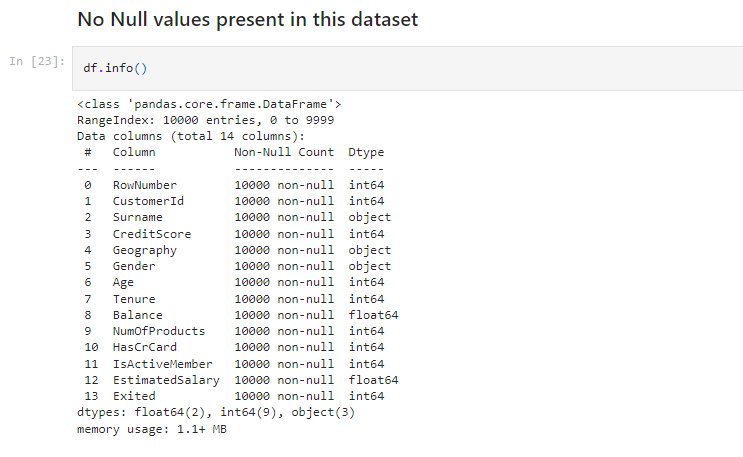
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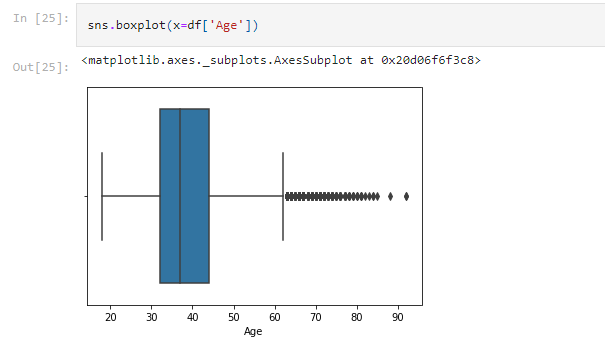
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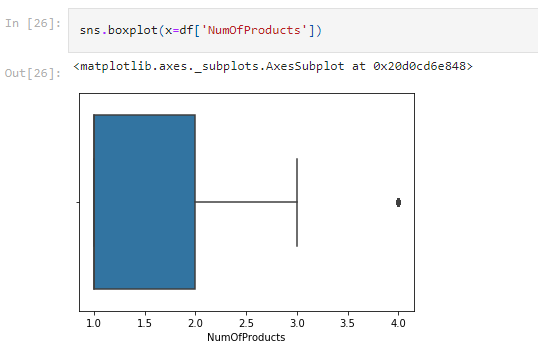
**4) Perform descriptive statistics on the dataset**

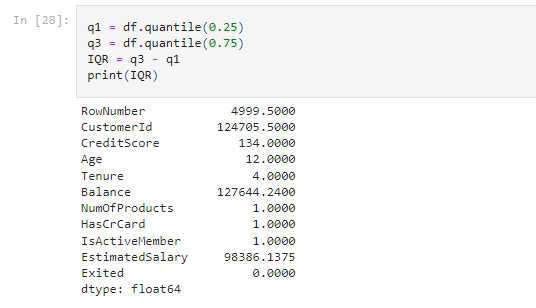
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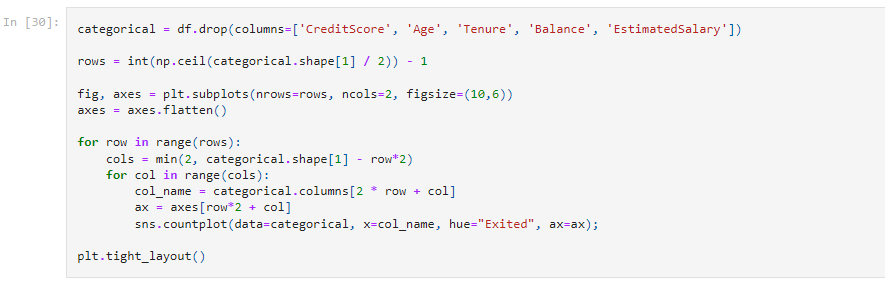
**5) Handle the Missing values**

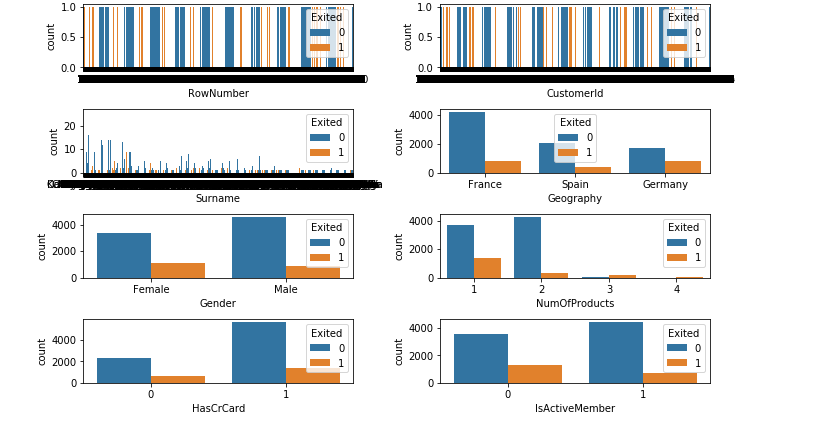
**6) Find the outliers and replace the outliers**

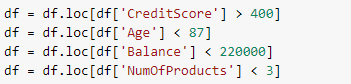
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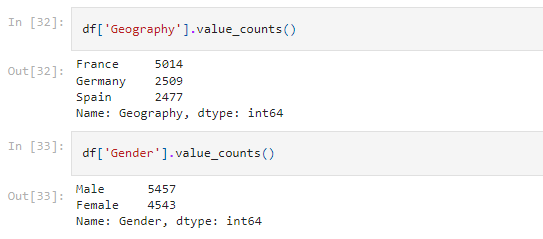
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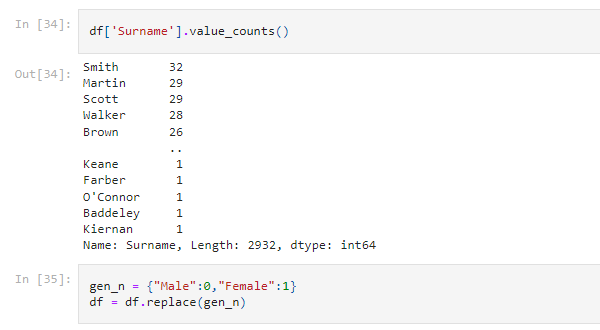
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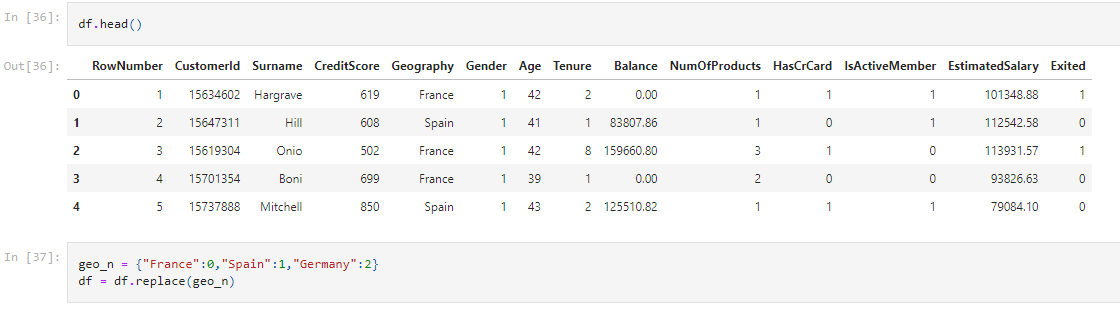
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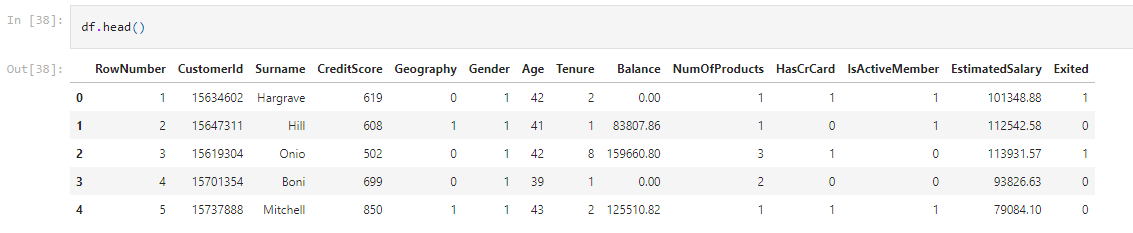
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**7) Check for Categorical columns and perform encoding**

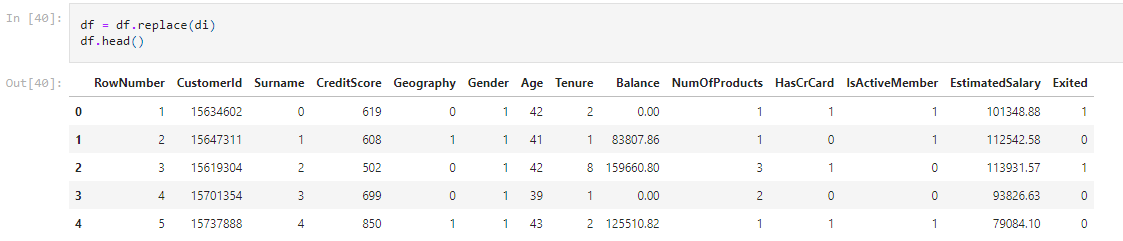
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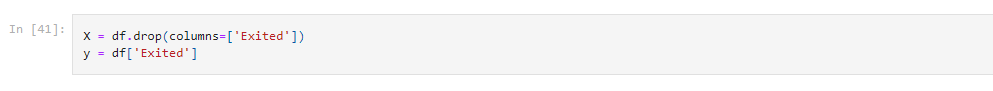
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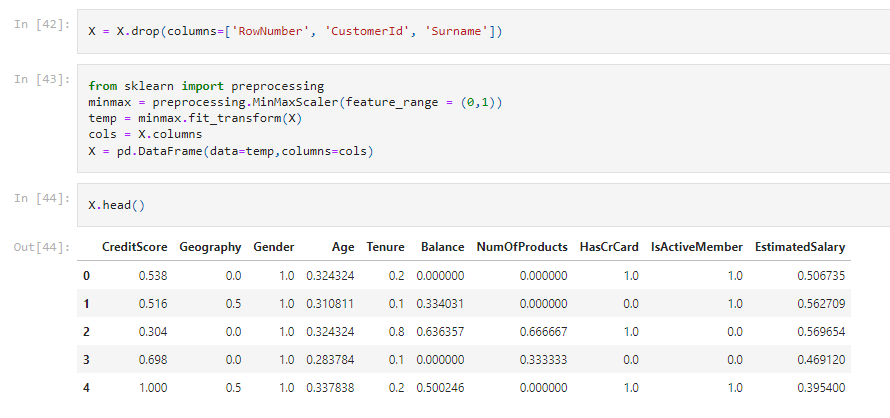
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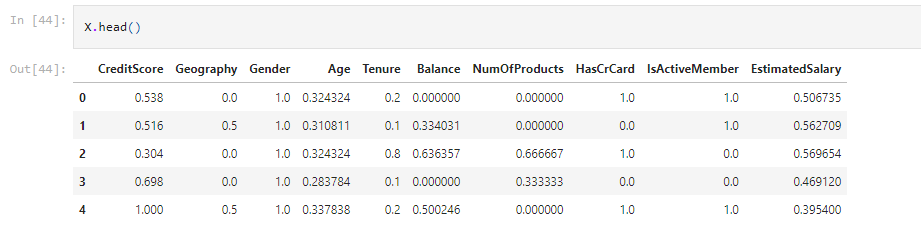
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**8) Split the data into dependent and independent variables**

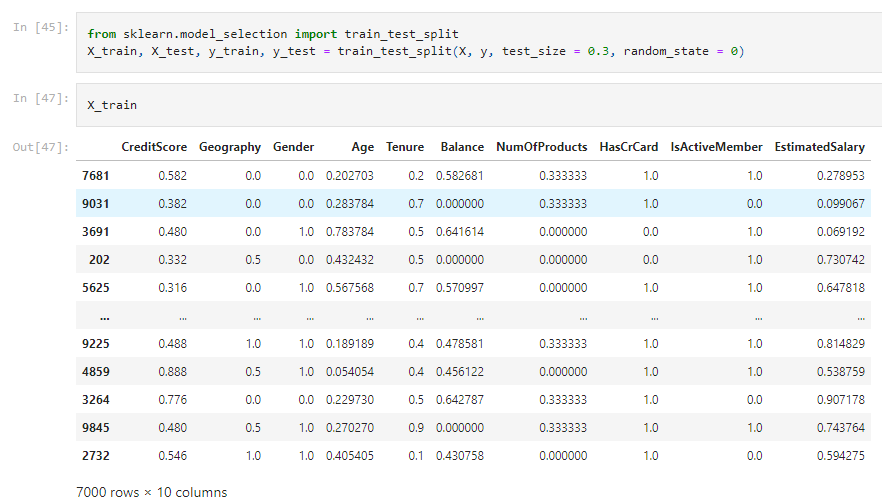
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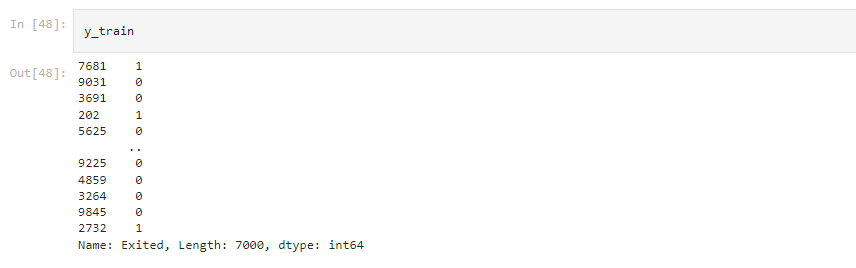
**9) Scale the independent variables**

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**10) Split the data into training and testing**

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