1. Utilizing the first 8000 results for testing, and the rest data for training, forecast the increase in Average Utilization Ratio with respect to the customer additions.
2. Utilizing the first 8000 results for testing, and the rest data for training, calculate the chances of getting a customer being defaulter based on Dependent_count.
3. Using test and training data, validate the relationship between Months on book and Marital Status using classification. (Hint : Use binary encoder or one hot encoder)
4. Using test and training data, validate the relationship between Education Level and Months Inactive using classification. (Hint : Use binary encoder or one hot encoder)
5. The bank has decided to provide defaulters with some respite. The person who hasn't initiated anything at all in less than a year has been chosen. Who are the individuals who will be qualified for this?
6. The bank's overall credit limit is 87415795. Since very little can be regulated, the bank has made the decision to withhold 10% of the available credit. Which of the users (8741579) is eligible for a 10% credit exemption? Use the excitation calculation based on 2.594 to find out.
7. Using a neural network, calculate the chances of getting a customer being defaulter based on Dependent_count.