1. There are two sections to the questions: Part A and Part B.
2. The part A question should be addressed using both in Python and also in Tableau.
3. Complete Part B solely with Tableau.
4. Each question's answers should be shown on a different worksheet in Tableau.
5. For Python, try to use Jupiter notebook. You can utilize cells that include question numbers as the first comment of cell.

**Part A**

1. Plot a bar graph between customer age and income category
2. Find the relation between dependent count, Gender and marital status using a stacked graph
3. Calculate which of the Existing Customers have Married
4. Find which of the Existing Customers have salary within income category $80K - $120K
5. Find the defaulter state of persons who have not contacted the bank for more than 3 months. [Contacts\_Count\_12\_mon]. If there is any relation between these values and
   1. Depandand count
   2. Card\_Categoryc.
   3. Total\_Relationship\_Count

**Part B**

Design a dashboard with the features listed below.

1. Charting may be done with any Colum data of your choice. The dashboard should display minimum three of the six graphs described below. Each set of graph data and graph model should be unique from the others.
   1. Line chart
   2. Pie chart
   3. Bar graph
   4. Scatter Plot
   5. Bubble chart
   6. Histogram
2. The dashboard should display at least three text cards of your choice. You may use aggregate functions for developing a text card. (Eg maximum of Sales, minimum of DistanceFromHome).
3. You may use some slicer or filter of your choice.