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. Make a bar chart with count of Male and Female employees.
2. Drop the NaN Values in All columns.
3. Find the number of persons on “Research Scientist” who was a fresher.
4. Find the relationship between “Gender”, “NumCompaniesWorked” and “JobRole” using any graph you choose.
5. What is the average working hours for “Laboratory Technician”. Is the maximum working hours of “Laboratory Technician” is greater than “Manufacturing Director” ?
6. Which department has highest PercentSalaryHike ? Which departments have PercentSalaryHike less than average of PercentSalaryHike. Filter male employees who have PercentSalaryHike greater than 15 and works under “Research & Development”.

**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.