**Set 1 (EVEN Roll Number)**

**Note: Max Mark: 30**

* *Assignment Should be* ***Submitted online on UMS only****.*
* *Assignment Solution must be upload as pdf file. Each page of the assignment contains Name, Rollno, GroupNo and registration of the student.*
* *Copied assignments straightway get 0 mark.*

**Case Study 1:**

While working as an analyst for a superstore, it has been analysed that many customers’ feedbacks are not satisfactory regarding the delivery of product. Ecommerce Company wants to check the sales seasonality for products and wants to emphasis accordingly on such category. Every Company wants to increase their sales and accordingly they plan their strategies of giving discounts and earning no. of users. **For above case study visualise the following questions and analyse the diagram using 2 points for each visualization.**

1. Create a line graph representing profit, quantity and sales, yearly in a single view diagram.
2. How many sub category providing top 20%, 25% and 35% of the complete sale to the company. (use pareto chart)
3. Find which region is providing highest sale to the company
4. Using above sheets create a Dashboard and provide one weblink in the dashboard as well.
5. Create a story for above questions

**Case Study 2**:

Source: <https://data.gov.in/resources/stateut-wise-status-teachers-elementary-level-31032017-ministry-human-resource-development>.

**For above case study visualise the following questions and analyse the diagram using 2 points for each visualization.**

1. How many teachers working at Elementary level in Uttar Pradesh?
2. How many are working under state and how many working under SSA scheme
3. How many teachers working at Elementary level in Bihar?
4. Using above sheets create a Dashboard with Size: Automatic and provide one weblink in the dashboard as well
5. Create a story for above questions

**Set 1 (ODD Roll Number)**

**Note: Max Mark: 30**

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**Case Study 1:**

While working as an analyst for a superstore, it has been analysed that many customers’ feedbacks are not satisfactory regarding the delivery of product. Ecommerce Company wants to check the sales seasonality for products and wants to emphasis accordingly on such category. Every Company wants to increase their sales and accordingly they plan their strategies of giving discounts and earning no. of users. **For above case study visualise the following questions and analyse the diagram using 2 points for each visualization.**

1. How many sub categories are giving profit and loss to the company? Display profit with blue color and loss with green color.
2. Find the total sales value for 2010 orders shipped with "First Class".
3. Which product has highest profit?
4. Using above sheets create a Dashboard and provide one weblink in the dashboard as well
5. Create a story for above questions

**Case Study2:**

Use the “National Stock Exchange of India Ltd” Dataset and implement the following.

**For above case study visualise the following questions and analyse the diagram using 2 points for each visualization.**

1. Find the sum of LTP for Maruti Symbol. Also find which symbol has the highest sum of LTP.
2. Compare the group turnover (crs.) of Asian Paint, Bajaj-Auto, BPCL, CIPLA, HDFC with other symbols.
3. Find the Total sum of Volume (lacs) broken down by Symbols.
4. Using above sheets create a Dashboard and provide one weblink in the dashboard as well
5. Create a story for above questions