

**Data Science Using Python & R**  
**Case Study on Data Visualization**

**Question - 1:**

Using Matplotlib plot a suitable chart to show variation of specific gravity(SG) of water with respect to temperature on the basis of following data set.

Temperature	4 °C	15 °C	15.6°C	20 °C
SG	0.99987	1.00075	1.00083	1.00165

**Question - 2:**

Using the website-traffic.csv data set to create a chart that shows the *variability ratio* in website traffic for each day of the week. Also describe any time-based trends that are apparent.