# Tutorials – 3

## Data Visualization

Please mention the **Visualization Technique and Graph Type** that should be used in business scenarios mentioned below:

**Q1. To project net cash flows of a company for next 5 years.**

* **Ans: Time Frame ---- Line Plot**

**Q2. To analyze distribution of age of citizens in each income group.**

* **Ans: Distribution ---- Box Plot**

**Q3. To show sales of milkshakes based on location.**

* **Ans: Relationship ---- Bar/Scatter chart**

**Q4. To show sales of number of milkshakes based on location & flavor of milkshakes.**

* **Ans: Relationship ---- Heat Map**

**Q5. To show department and age group wise, whether employees will stay in company or will resign.**

* **Ans: Relationship ---- Mosaic Plot**

**Q6. To show which product contributes how much to the total annual sales of a departmental store.**

* **Ans: Composition ---- Pie chart**