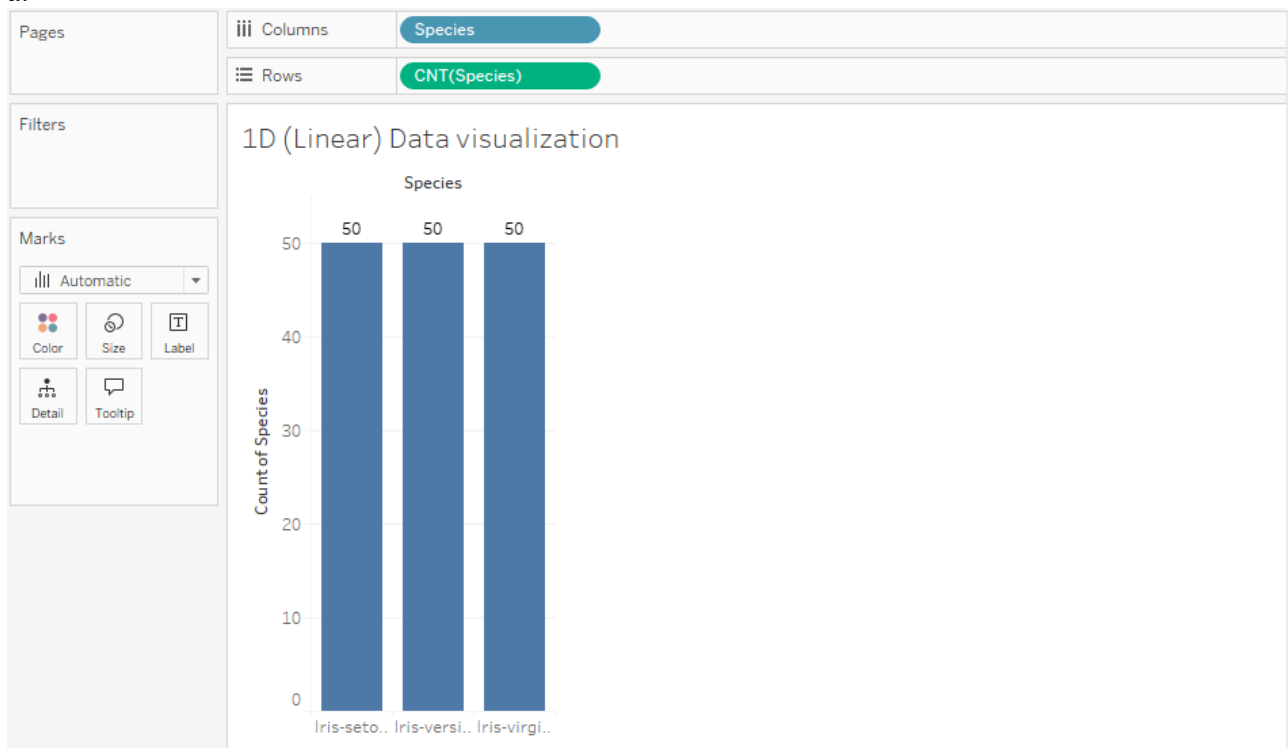Name : Ashutosh Waghire
Roll No. : 66
Class : TE(IT)
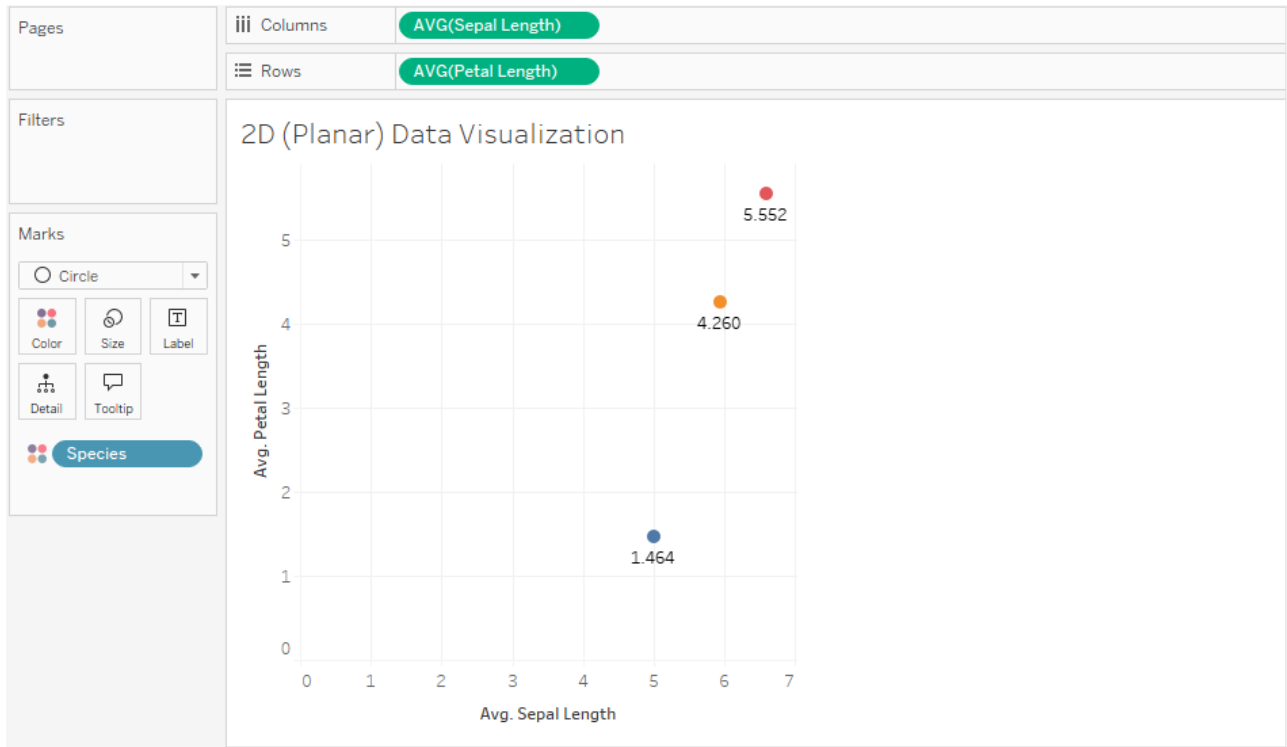Practical 7B : Perform the following data visualization operations using Tableau on Iris datasets.
a. 1D (Linear) Data visualization
b. 2D (Planar) Data Visualization
c. 3D (Volumetric) Data Visualization
d. Temporal Data Visualization
e. Multidimensional Data Visualization
f. Tree/ Hierarchical Data visualization
g. Network Data visualization

a.

b.

| Pages | iii Columns | AVG(Sepal Length) |
| | ≡ Rows | AVG(Petal Length) |

Filters

Marks

○ Circle ▾

Color | Size | Label
Detail | Tooltip

Species

2D (Planar) Data Visualization

Avg. Petal Length

- 5.552 (red)
- 4.260 (orange)
- 1.464 (blue)

Avg. Sepal Length

---

c.

| Pages | iii Columns | AVG(Sepal Length) |
| | ≡ Rows | AVG(Sepal Width) |

Filters

Marks

Automatic ▾

Color | Size | Label
Detail | Tooltip | Shape

Species
AVG(Petal Len..)

3D (Volumetric) Data Visualization

Avg. Sepal Width

- 3.4180 (blue)
- 2.9740 (orange)
- 2.7700 (red)

Avg. Sepal Length
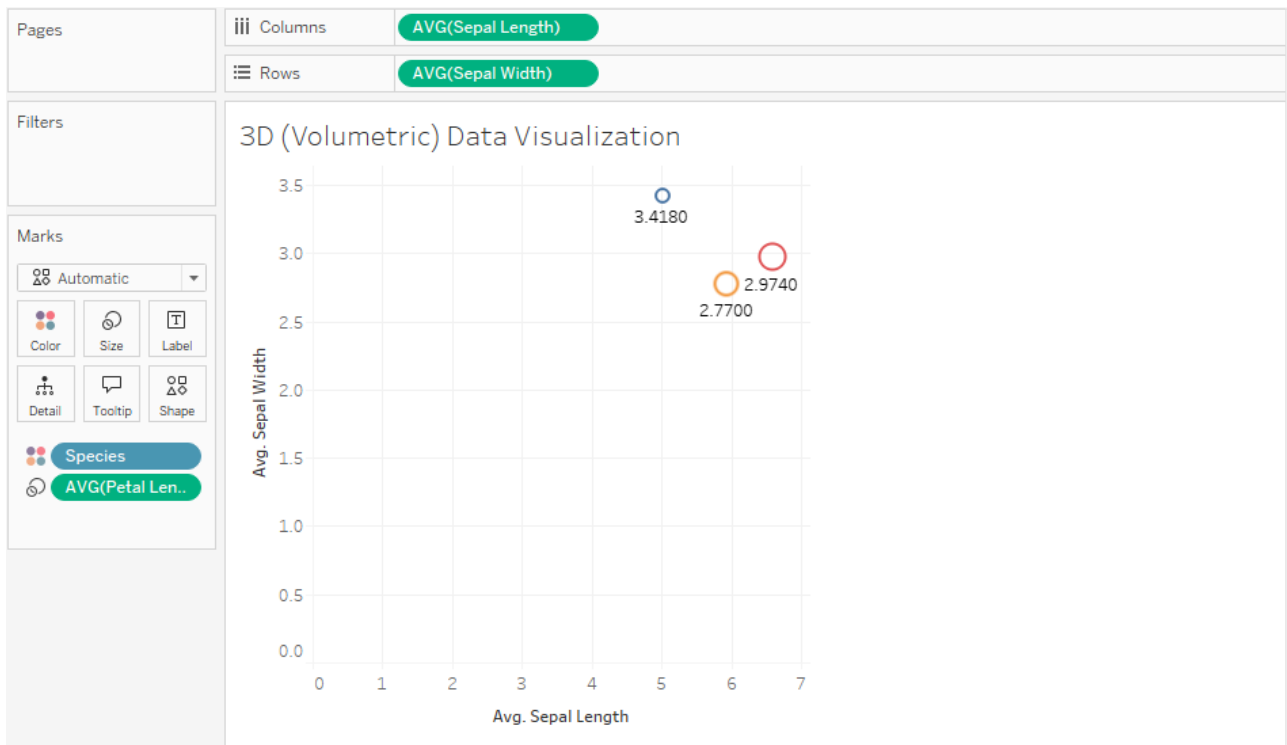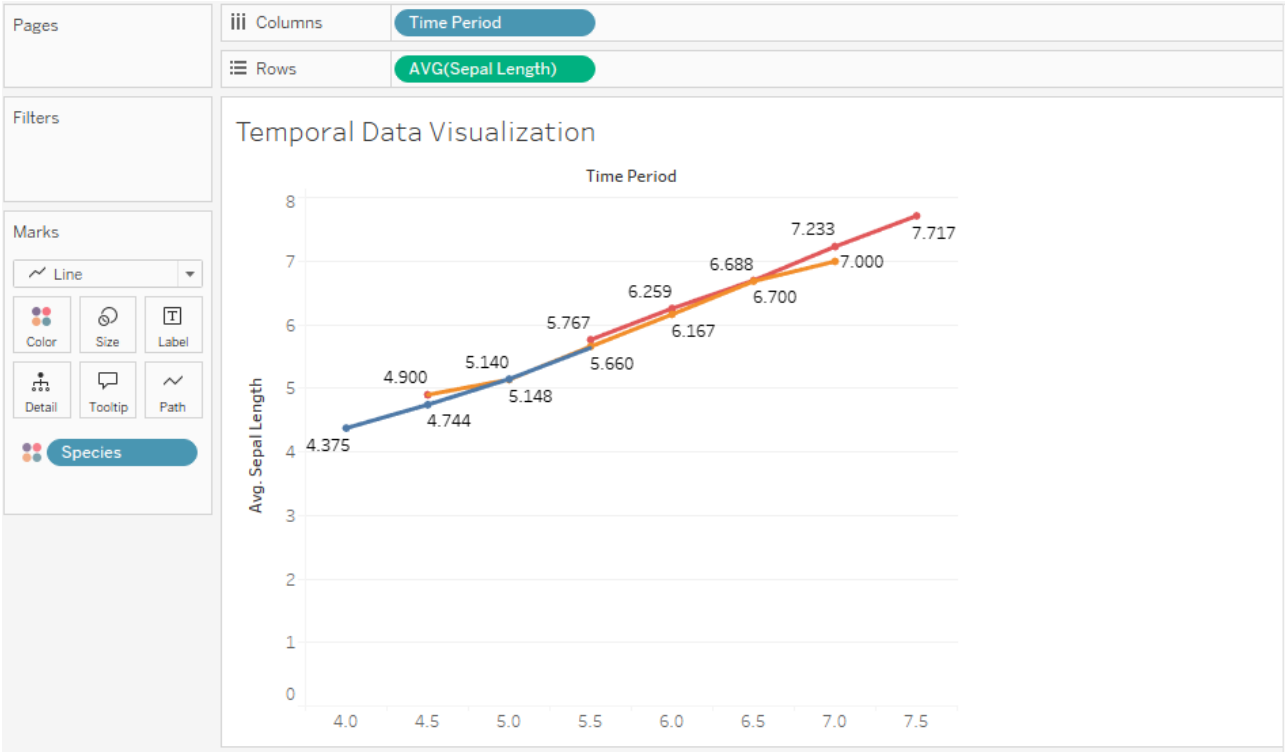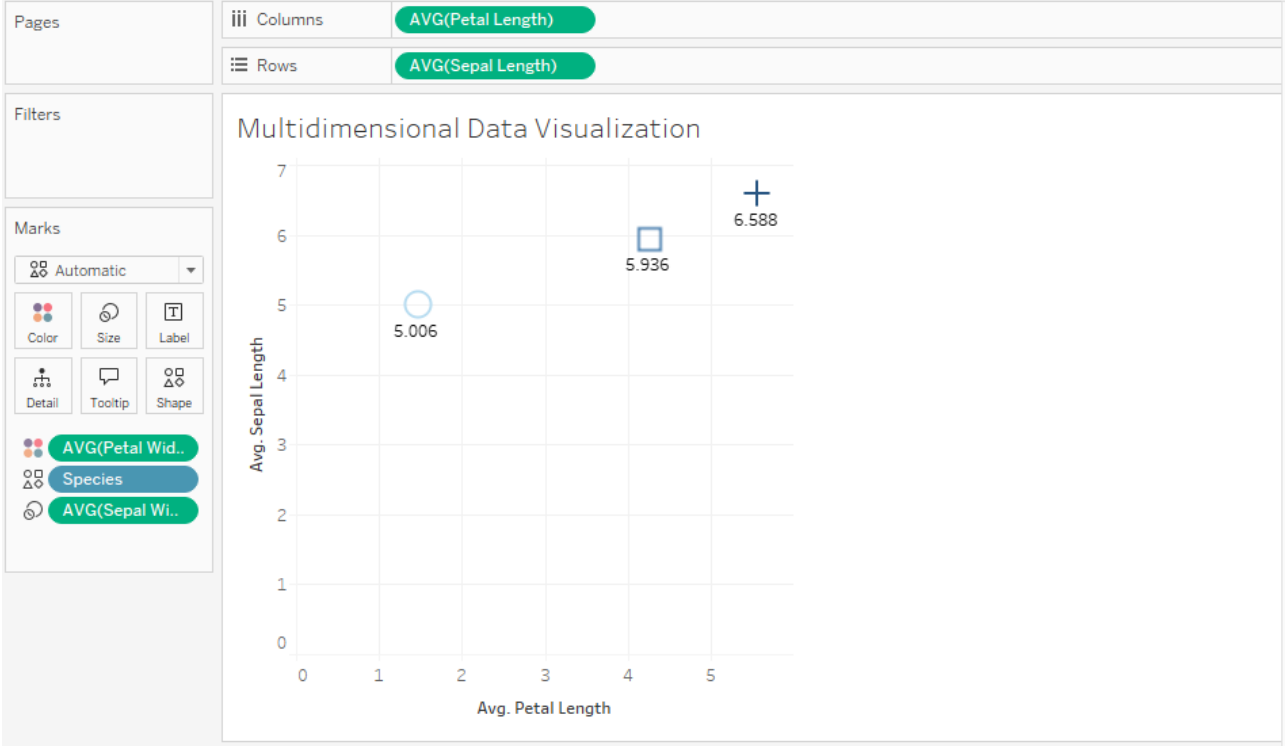
For d, there is no time related data. So, we used create bins on sepalLength with bin size 0.5 and named it as "Time Period".
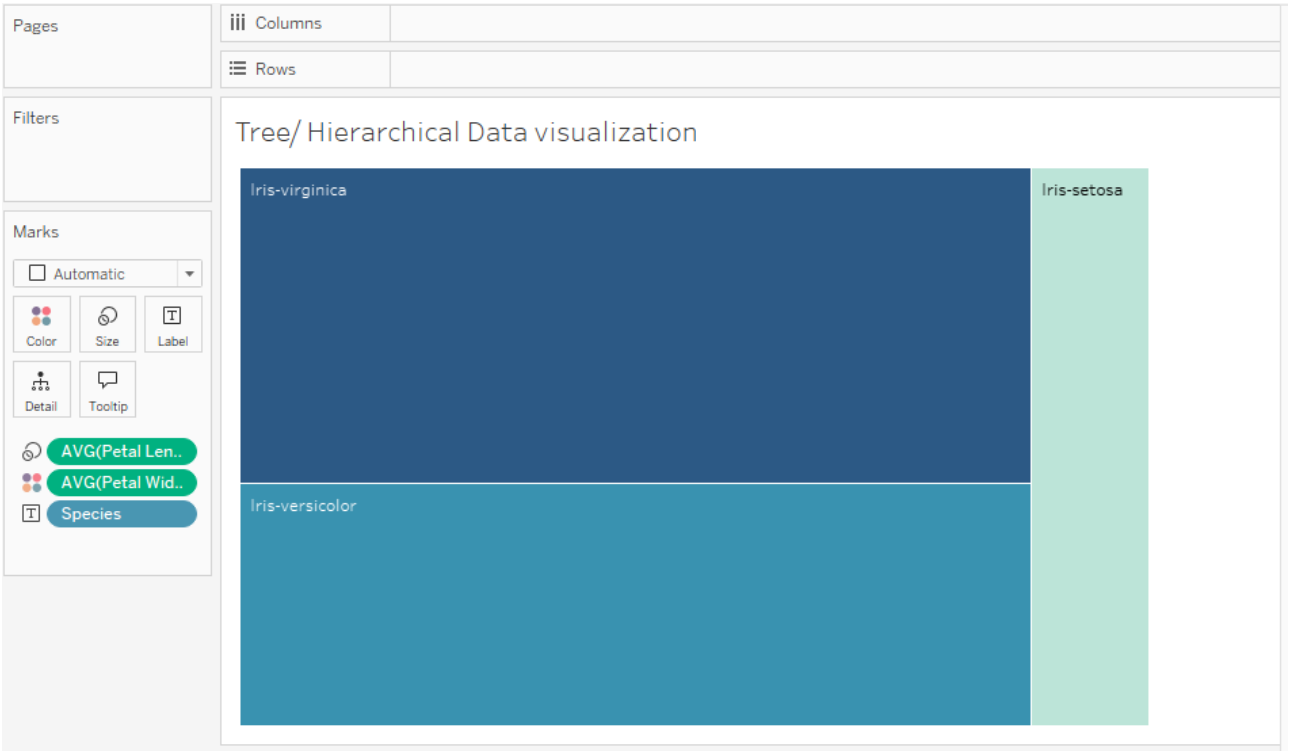
d.

e.

f.

For g, we have used external extension "Network".

g.