

DATA VISUALISATION

LAB-1

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Understanding the data:

for each data point:

- Sepal Length (cm)
- Sepal Width (cm)
- Petal Length (cm)
- Petal Width (cm)
- Type of Flower(Iris-setosa,Iris-versicolor,Iris-virginica)

Goal:

To visualize(Scatter Plot) the relationships between:

- **Sepal Length vs. Sepal Width**
- **Petal Length vs. Petal Width**

Mark:

I have taken **Circle** as a mark here.

Channel:

To distinguish between the types or classes of flowers I have chosen color as a metric.

- yellow-Iris-setosa
- pink-Iris-versicolor
- blue- Iris-virginica

Axes:

First Scatter Plot (Sepal Length vs. Sepal Width):

- X-axis: Sepal Length
- Y-axis: Sepal Width

Second Scatter Plot (Petal Length vs. Petal Width):

- X-axis: Petal Length
- Y-axis: Petal Width