

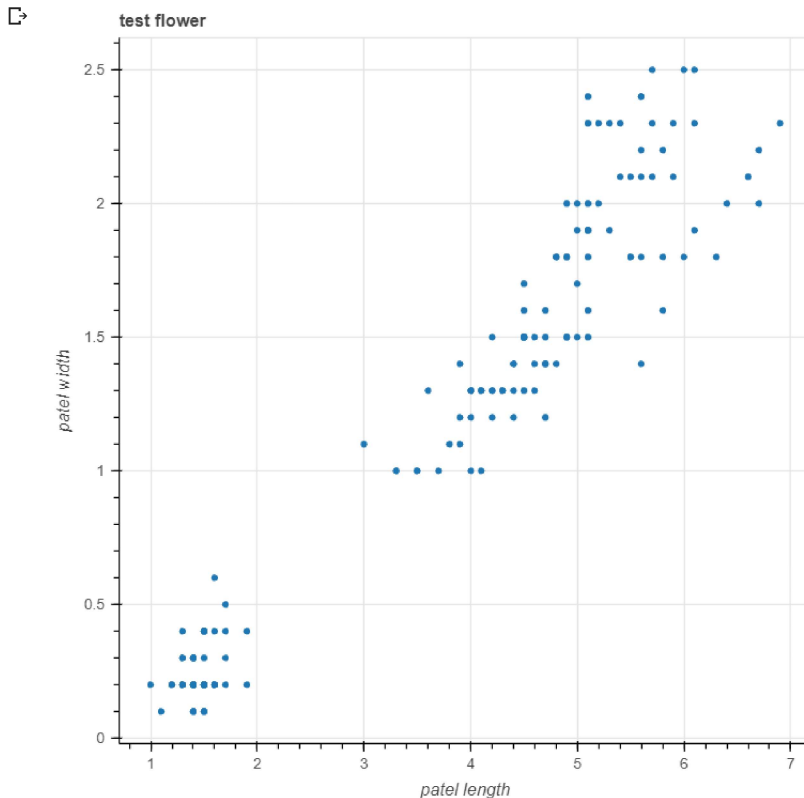
```
pip install bokeh
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satisfied: bokeh in /usr/local/lib/python3.9/dist-packages (2.4.3)
Requirement already satisfied: numpy>=1.11.3 in /usr/local/lib/python3.9/dist-packages (from bokeh) (1.22.4)
Requirement already satisfied: pillow>=7.1.0 in /usr/local/lib/python3.9/dist-packages (from bokeh) (8.4.0)
Requirement already satisfied: PyYAML>=3.10 in /usr/local/lib/python3.9/dist-packages (from bokeh) (6.0)
Requirement already satisfied: tornado>=5.1 in /usr/local/lib/python3.9/dist-packages (from bokeh) (6.2)
Requirement already satisfied: packaging>=16.8 in /usr/local/lib/python3.9/dist-packages (from bokeh) (23.0)
Requirement already satisfied: typing-extensions>=3.10.0 in /usr/local/lib/python3.9/dist-packages (from bokeh) (4.5.0)
Requirement already satisfied: Jinja2>=2.9 in /usr/local/lib/python3.9/dist-packages (from bokeh) (3.1.2)
Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib/python3.9/dist-packages (from Jinja2>=2.9->bokeh) (2.1.2)
```

```
import bokeh.io
import bokeh.plotting
bokeh.io.output_notebook()
```

```
from bokeh.plotting import figure, output_file, show
from bokeh.sampledata.iris import flowers
```

```
output_file('test.html')
p = figure(title = "test flower")
p.xaxis.axis_label = "petal length"
p.yaxis.axis_label = "petal width"
p.circle(flowers['petal_length'], flowers['petal_width'])
show(p)
```

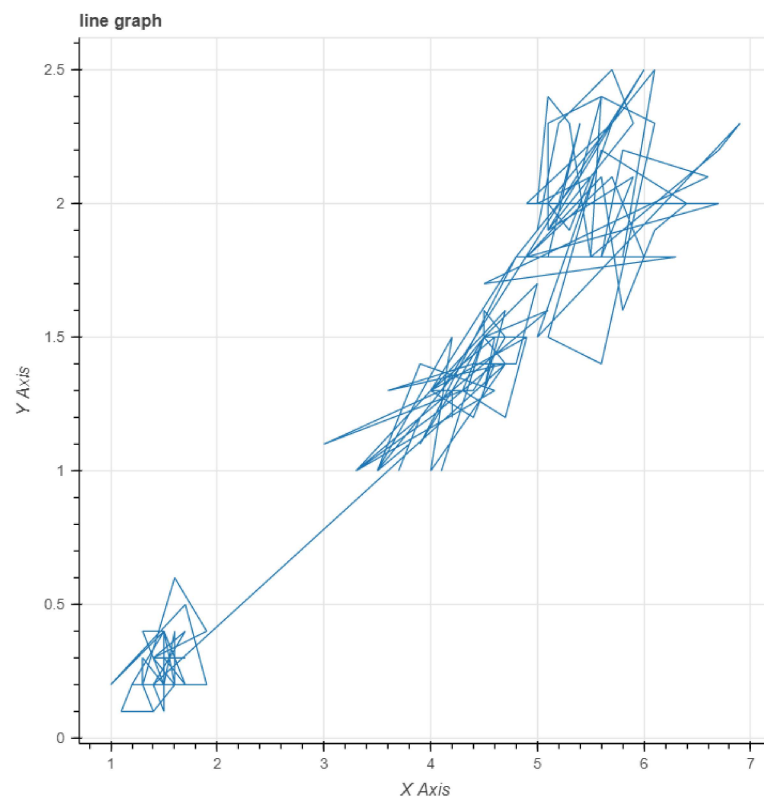


```
flowers
```

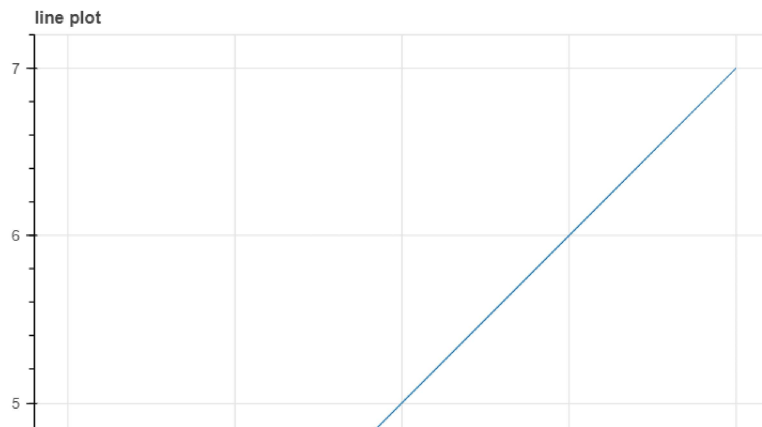
	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa

```
from bokeh.plotting import figure, output_file, show
from bokeh.sampledata.iris import flowers
```

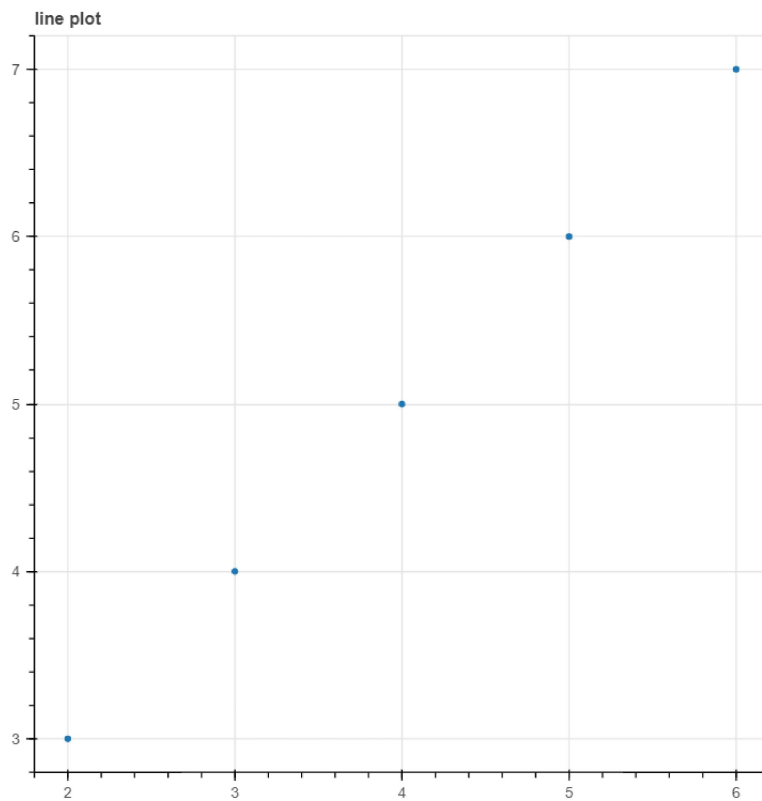
```
output_file('line.html')
p = figure(title = "line graph")
p.xaxis.axis_label = "X Axis"
p.yaxis.axis_label = "Y Axis"
p.line(flowers['petal_length'], flowers['petal_width'])
show(p)
```



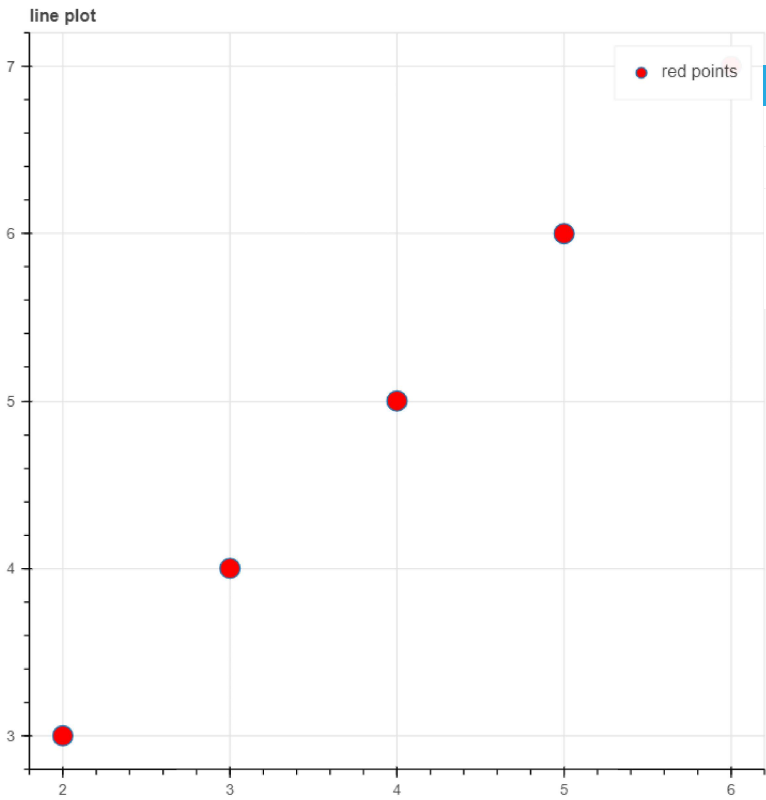
```
x = [2,3,4,5,6]
y = [3,4,5,6,7]
output_file("line.html")
p = figure(title = "line plot")
p.line(x,y)
show(p)
```



```
x = [2,3,4,5,6]
y = [3,4,5,6,7]
output_file("line.html")
p = figure(title = "line plot")
p.scatter(x,y)
show(p)
```



```
x = [2,3,4,5,6]
y = [3,4,5,6,7]
output_file("line.html")
p = figure(title = "line plot")
p.scatter(x,y, fill_color = 'red', legend_label = 'red points', size = 15)
show(p)
```



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