# Python Patterns (/)

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## Set the marker size for a scatter plot

```python
import matplotlib.pyplot as plt
import numpy as np

n = 50
x = np.random.randn(n)
y = x * np.random.randn(n)

fig, ax = plt.subplots(2, figsize=(6, 6))

ax[0].scatter(x, y, s=50)

sizes = (np.random.randn(n) * 8) ** 2
ax[1].scatter(x, y, s=sizes)

fig.show()
```
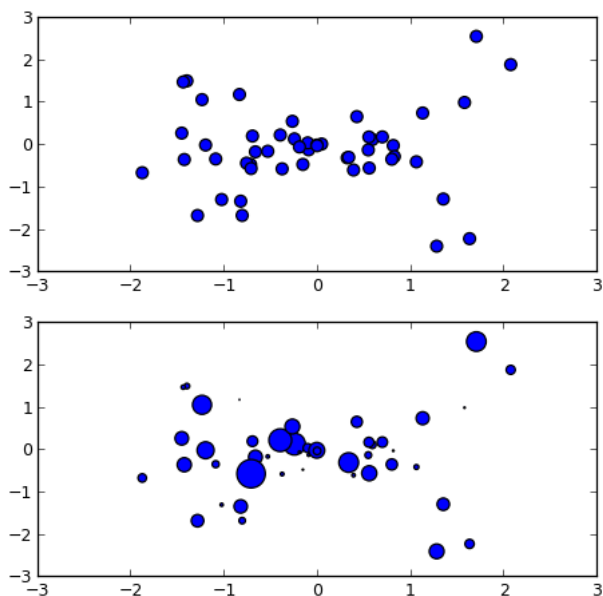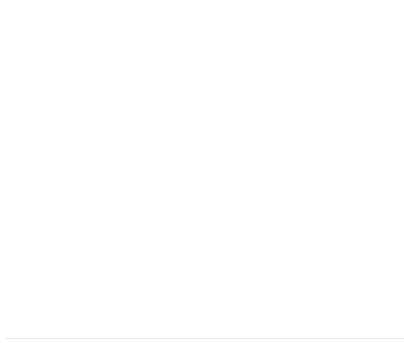


## About this Entry

**Modules:**   matplotlib (/pp/module/matplotlib/)   numpy (/pp/module/numpy/)

**Tags:**   #plotting (/pp/tag/plotting/)   #matplotlib (/pp/tag/matplotlib/)   #scatter-plot (/pp/tag/scatter-plot/)

## Related Content

- Draw a regression line with matplotlib (/pp/patterns/p0170/)
- Set the marker symbol for a scatter plot (/pp/patterns/p0173/)
- Set the marker color for a scatter plot (/pp/patterns/p0172/)
- Set the marker alpha value for a scatter plot (/pp/patterns/p0174/)

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