

# matplotlib

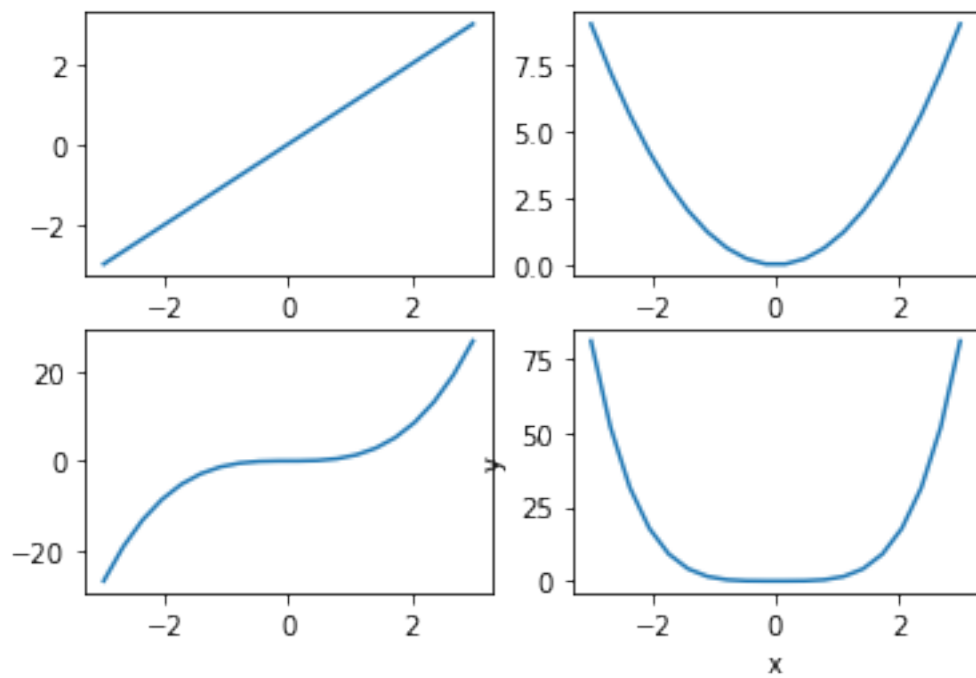
August 18, 2022

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[11]: import matplotlib.pyplot as plt  
import numpy as np
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[14]: x = np.linspace(-3, 3, 20)  
  
y1 = x  
y2 = x ** 2  
y3 = x ** 3  
y4 = x ** 4
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[ ]:
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[24]: fig, axs = plt.subplots(nrows=2, ncols=2, figsize=(6, 4))  
  
axs[0, 0].plot(x, y1)  
axs[0, 1].plot(x, y2)  
axs[1, 0].plot(x, y3)  
axs[1, 1].plot(x, y4)  
  
plt.show()
```



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