

# dataset\_relation

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## 1 Importing Modules

```
[1]: import pandas as pd
import matplotlib.pyplot as plt
```

## 2 Iterating through all dataset and plotting their graphs

```
[2]: import os
dir = "./drug data"
values = {}
for file in os.listdir(dir):
    data = pd.read_csv(dir + "/" + file)
    file = file.replace(".csv", "")
    values[file] = [data["IC50"], data["AUC"]]
```

```
[3]: fig, axis = plt.subplots(5,2,figsize=(8,13))
plt.subplots_adjust(top=1.5)
r = 0
c = 0
for i in values:
    axis[r,c].plot(values[i][0],values[i][1])
    axis[r,c].set_title(str(i))
    if r == 4:
        r = 0
        c = c + 1
    else:
        r = r + 1
```



