

## ▼ 20181CSE0621

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7 - CSE - 10

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline
plt.style.use(['dark_background', 'seaborn-pastel'])
```

## ▼ Part C Question 1

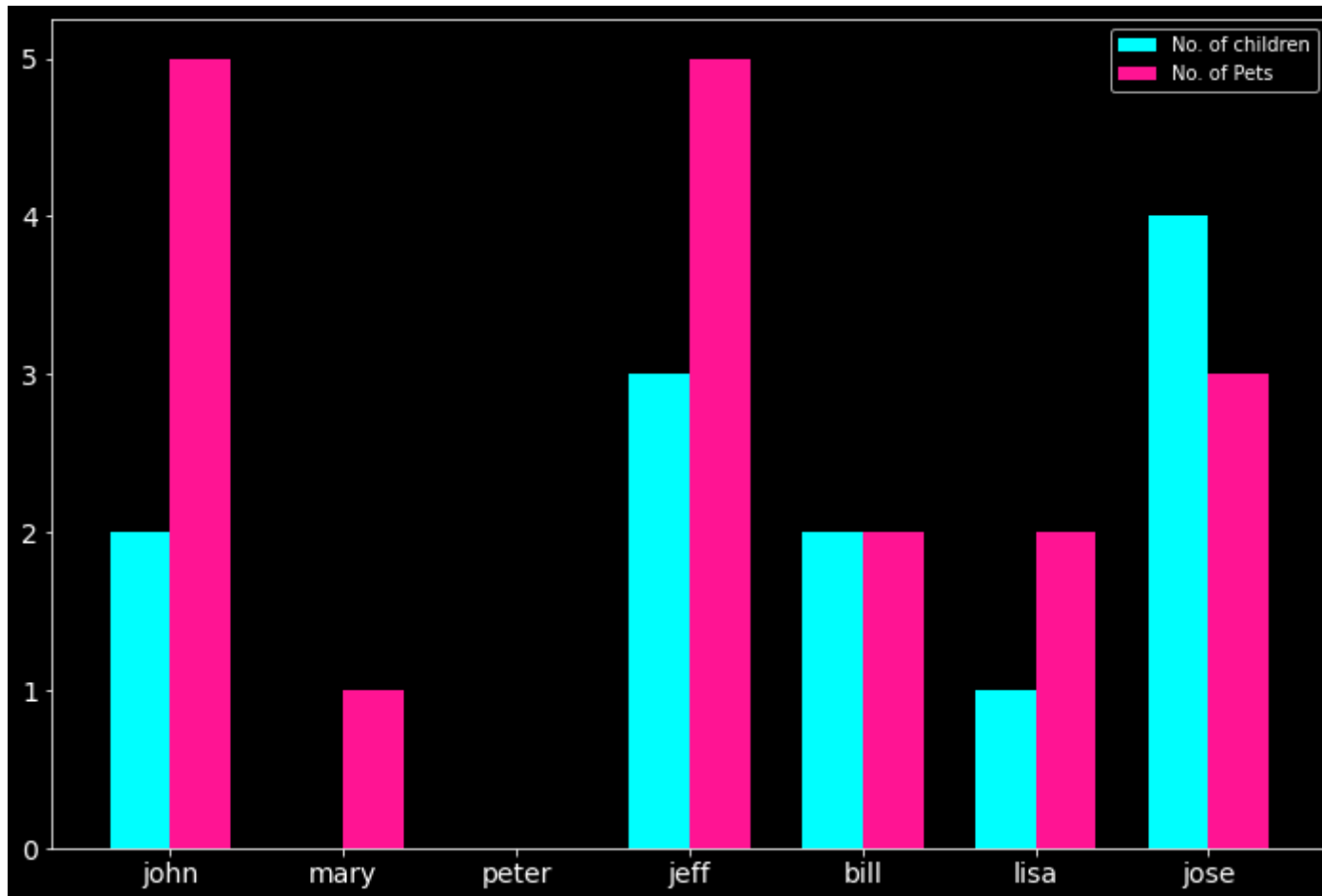
```
d = {"Name":['john','mary','peter','jeff','bill','lisa','jose'], "No. of Children":[2,0,0,3,2,1,4], "No. of Pets":[5,1,0,5,2,2,3]}
df = pd.DataFrame(d)
print(df)
```

```
┌→
```

	Name	No. of Children	No. of Pets
0	john	2	5
1	mary	0	1
2	peter	0	0
3	jeff	3	5
4	bill	2	2
5	lisa	1	2
6	jose	4	3

```
with plt.style.context('dark_background'):
    width = 0.35
    x = np.arange(len(df['Name']))
    values=df['Name']
    plt.figure(figsize=(12, 8))
    plt.xticks(x,values)
    plt.xticks(fontsize=14) ; plt.yticks(fontsize=14)
```

```
plt.bar(x - width/2, df['No. of Children'], width, label='No. of children',linewidth=3,color='cyan')
plt.bar(x + width/2, df['No. of Pets'], width, label='No. of Pets',linewidth=3,color='deeppink')
plt.legend()
plt.show()
```



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