

TASK 1 : Create a bar chart or histogram to visualize the distribution of a categorical or continuous variable, such as the distribution of ages or genders in a population.

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In [1]: import pandas as pd
```

```
In [2]: import matplotlib.pyplot as plt
```

```
In [3]: gender_data = {  
    "Gender" : ["Male", "Female", "Others"],  
    "count"  : [45, 50, 5]  
}
```

```
In [5]: df_gender = pd.DataFrame(gender_data)  
plt.figure()  
plt.bar(df_gender["Gender"], df_gender["count"])  
plt.xlabel("Gender")  
plt.ylabel("count")  
plt.title("Gender Distribution in population")  
plt.show()
```

