

# TASK-01

## Data Science

```
import matplotlib.pyplot as plt
import seaborn as sns
import numpy as np
np.random.seed(0)
ages = np.random.randint(18, 60, 100)
sns.set_style("whitegrid")
plt.figure(figsize=(10, 6))
sns.histplot(ages, bins=10, kde=True, color='skyblue', edgecolor='black')
plt.title("Age Distribution in a Population (Shaded)", fontsize=14)
plt.xlabel("Age")
plt.ylabel("Frequency")
plt.show()
```

