

```
In [3]: # 1. show population distribution among region using pie chart
import matplotlib.pyplot as plt

# Data
regions = ['North', 'South', 'East', 'West']
population_percent = [40,20,27,13]

# Create pie chart
plt.figure(figsize=(6, 6))
plt.pie(population_percent, labels=regions, autopct='%1.1f%%', startangle=90, color=regions)
plt.title('Population Distribution Among Regions')

# Display chart
plt.show()
```

