```
import pandas as pd


 Load the dataset
data = pd.read_csv("DDW_B06ST_3300_State_TAMIL_NADU-2011.csv")


 Group data by age, industrial category, and sex
demographic_distribution = data.groupby(['Age', 'Industrial Category',
'Sex']).size().reset_index(name='Count')
demographic_distribution = demographic_distribution.sort_values(by='Count', ascending=False)
total_count = demographic_distribution['Count'].sum()
demographic_distribution['Percentage'] = (demographic_distribution['Count'] / total_count) * 100
 Print the demographic distribution
print(demographic_distribution)



import matplotlib.pyplot as plt
Create a bar chart for age distribution
plt.figure(figsize=(12, 6))
plt.bar(demographic_distribution['Age'], demographic_distribution['Count'])
plt.xlabel('Age')
plt.ylabel('Count')
plt.title('Age Distribution of Marginal Workers')
plt.xticks(rotation=45)
plt.show()
```

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