Breaking the Margins: An In-depth Socioeconomic Analysis of Workers Across Categories

Introduction

Breaking the Margins is a comprehensive analysis of the socioeconomic status of workers across different categories. This presentation aims to highlight the inequalities in the workforce and provide insights on how to address them.

Categories of Workers

Workers can be categorized into different groups based on their job type, income, education level, and other factors. This slide will provide an overview of these categories and their characteristics.

Income Inequality

Income inequality is a major issue in the workforce. This slide will show the disparities in income across different categories of workers and discuss the reasons behind them.

Education and Employment

Education plays a crucial role in employment opportunities and income. This slide will examine the relationship between education level, employment, and income.

Gender and Race

Gender and race are important factors that contribute to inequality in the workforce. This slide will explore the disparities in employment and income based on gender and race.

Conclusion

Breaking the Margins highlights the need for policies and initiatives that address the inequalities in the workforce. By providing a deeper understanding of the socioeconomic status of workers, we can work towards creating a more equitable and just society.

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C:\Users\balur

C:\Users\balur\marginalworkers.py

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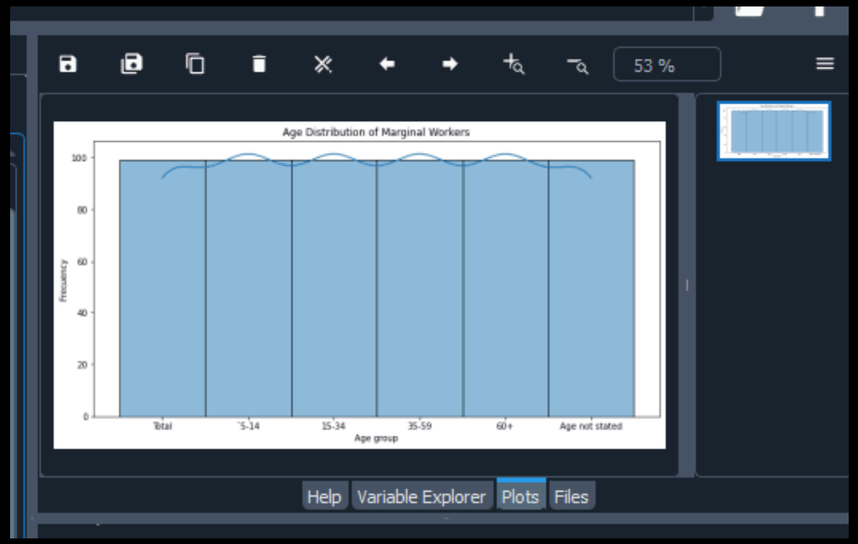
```python
import seaborn as sns

# Step 2: Data Preparation
# Load data from CSV
data = pd.read_csv("C:/Users/balur/Downloads/marginalworkers.csv")

# Step 3: Data Cleaning and Exploration
# Check for missing values, duplicates, outliers, etc.

# Step 4: Data Analysis
# Calculate descriptive statistics
age_stats = data['Age group'].describe()

# Create cross-tabulations
cross_tab = pd.crosstab(data['Industrial Category - A - Cultivators - Persons'], data['Total/ Rural/ Urban

# Step 5: Data Visualization
# Create visualizations using Matplotlib and Seaborn
plt.figure(figsize=(12, 6))
sns.histplot(data['Age group'], bins=20, kde=True)
plt.title('Age Distribution of Marginal Workers')
plt.xlabel('Age group')
plt.ylabel('Frequency')
plt.show()

plt.figure(figsize=(10, 6))
sns.countplot(data=data, x='Industrial Category - A - Cultivators - Persons', hue='Sex')
plt.title('Distribution of Marginal Workers by Industrial Category - A - Cultivators - Persons and Sex')
plt.xlabel('Industrial Category - A - Cultivators - Persons')
plt.ylabel('Count')
plt.xticks(rotation=45)
plt.legend(title='Total/ Rural/ Urban')
plt.show()
```


53 %
Age Distribution of Marginal Workers
Frequency
100
80
60
40
20
0
Total
5-14
15-34
35-59
60+
Age not stated
Age group
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Variable Explorer
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