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Untitled6.ipynb

Code Notebook

[1]:
```
# Task 01 - India's Population Distribution by Age in 2022
# SkillCraft Technology I
import pandas as pd
import matplotlib.pyplot as plt

# Step 1: Load the dataset
df = pd.read_csv("pop.csv")

# Step 2: Clean column names (remove extra spaces if any)
df.columns = df.columns.str.strip()

# Step 3: Ensure 'Population (millions)' is numeric
df['Population (millions)'] = pd.to_numeric(df['Population (millions)

# Step 4: Drop rows with NaN values (just in case)
df = df.dropna()

# Step 5: Create Bar Chart
plt.figure(figsize=(10,6))
plt.bar(df['Age Group'], df['Population (millions)'], color='skyblue'

# Step 6: Add chart labels and title
plt.title("India's Population Distribution by Age (2022)", fontsize=1
plt.xlabel("Age Groups", fontsize=12)
plt.ylabel("Population (in millions)", fontsize=12)
plt.xticks(rotation=45)
plt.grid(axis='y', linestyle='--', alpha=0.5)
plt.tight_layout()

# Step 7: Display the chart
plt.show()
```

```
Matplotlib is building the font cache; this may take a moment.
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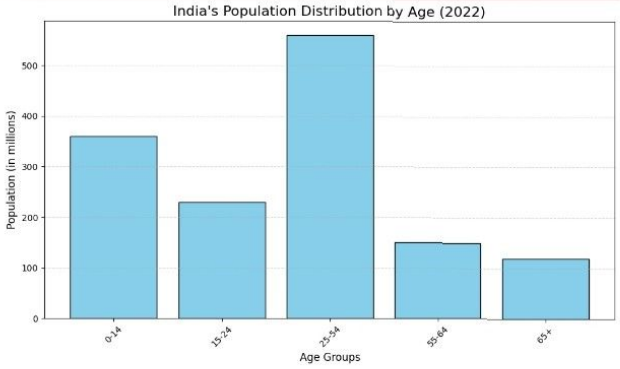

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Click to add a cell.

Simple 1 Python (Pyodide) | Idle Mode: Edit Ln 1, Col 1 Untitled6.ipynb 2