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import matplotlib.pyplot as plt
import pandas as pd

# Read csv file
pd.read_csv("/content/drive/MyDrive/Metadata_Indicator_API_SP.POP.TOTL_DS2_en_csv_v2_81108.csv")
pd.read_csv("/content/drive/MyDrive/Metadata_Country_API_SP.POP.TOTL_DS2_en_csv_v2_81108.csv")

# Data from the image
age_groups = ['0-20 Years', '21-64 Years', '65+ Years']
population_millions = [512, 807, 98] # In millions
percentages = [36.1, 57.0, 6.9]

# Colors (as per the image: Yellow, Blue, Pink)
colors = ['#ffeb3b', '#2196f3', '#e91e63']

# Plotting the bar chart
plt.figure(figsize=(10, 6))
bars = plt.bar(age_groups, population_millions, color=colors)

# Add value labels on top of each bar
for bar, percentage in zip(bars, percentages):
    height = bar.get_height()
    plt.text(bar.get_x() + bar.get_width() / 2, height + 10,
             f'{height}M\n({percentage}%)', ha='center', fontsize=12)

# Chart title and labels
plt.title("India's Population Distribution by Age Group (2022)", fontsize=14)
plt.xlabel("Age Groups")
plt.ylabel("Population (in millions)")
plt.ylim(0, 900)
plt.grid(axis='y', linestyle='--', alpha=0.7)

# Show the plot
plt.tight_layout()
plt.show()
```



