

## CODE:

```
import requests
import matplotlib.pyplot as plt

# Define the URL to fetch the GDP data (World Bank API example)
url = "https://api.worldbank.org/v2/country/IN/indicator/NY.GDP.MKTP.CD?format=json&date=2000:2023"

# Make a GET request to the API
response = requests.get(url)

# Check if the request was successful
if response.status_code == 200:
    data = response.json()

    # Extract the GDP data from the response
    gdp_data = data[1]

    # Prepare lists for years and GDP values
    years = [entry['date'] for entry in gdp_data]
    gdp_values = [entry['value'] for entry in gdp_data]

    # Plotting the data
    plt.figure(figsize=(10, 6))
    plt.plot(years, gdp_values, marker='o', color='b', label='GDP in USD')
    plt.title("GDP of India (2000 - 2023)")
    plt.xlabel("Year")
    plt.ylabel("GDP in USD (Billions)")
    plt.grid(True)
    plt.xticks(rotation=45)
    plt.tight_layout()
    plt.show()
else:
    print("Failed to retrieve data. Status code:", response.status_code)
```

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