

```
!pip install plotly

import pandas as pd
import plotly.express as px

url = "https://raw.githubusercontent.com/owid/covid-19-data/master/public/data/jhu/new_cases.csv"
df = pd.read_csv(url)

# Filter for a few countries and convert the format
df = df[['date', 'India', 'Pakistan', 'Canada']]
df = df.melt(id_vars='date', var_name='Country', value_name='Cases')
df.dropna(inplace=True)
df.head()

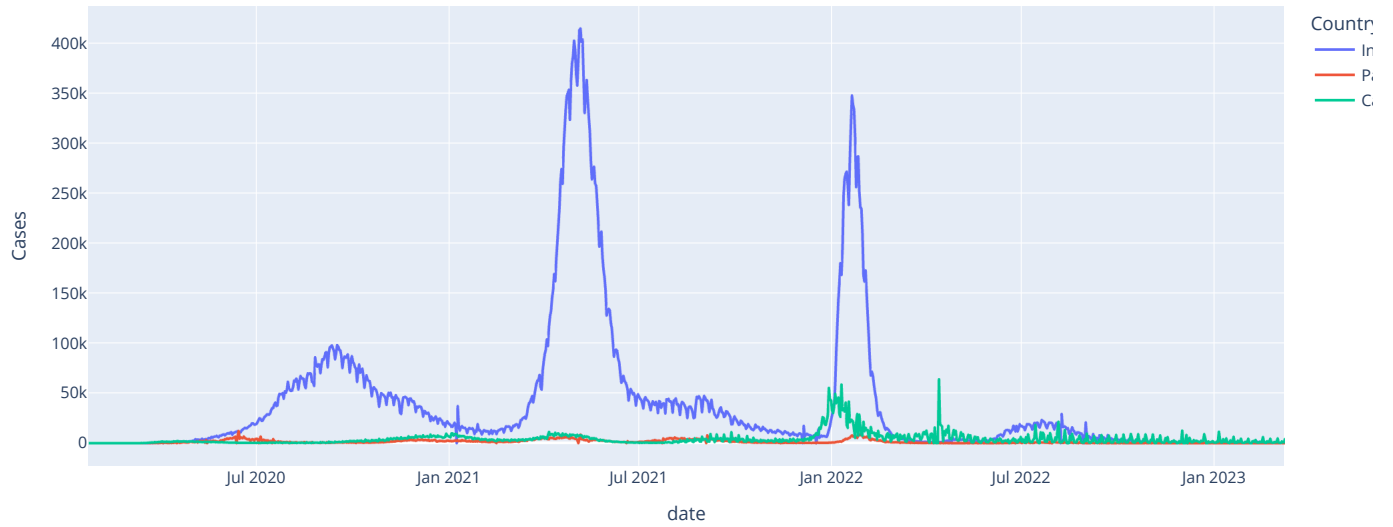
fig = px.line(df, x='date', y='Cases', color='Country',
              title='COVID-19 Daily New Cases Over Time')
fig.show()

snapshot = df[df['date'] == '2021-01-01']
fig = px.bar(snapshot, x='Country', y='Cases',
              title='COVID-19 New Cases on 2021-01-01')
fig.show()

fig = px.pie(snapshot, names='Country', values='Cases',
              title='Proportion of Cases on 2021-01-01')
fig.show()
```

Requirement already satisfied: plotly in /usr/local/lib/python3.11/dist-packages (5.24.1)
Requirement already satisfied: tenacity>=6.2.0 in /usr/local/lib/python3.11/dist-packages (from plotly) (8.5.0)
Requirement already satisfied: packaging in /usr/local/lib/python3.11/dist-packages (from plotly) (25.0)

COVID-19 Daily New Cases Over Time



COVID-19 New Cases on 2021-01-01

