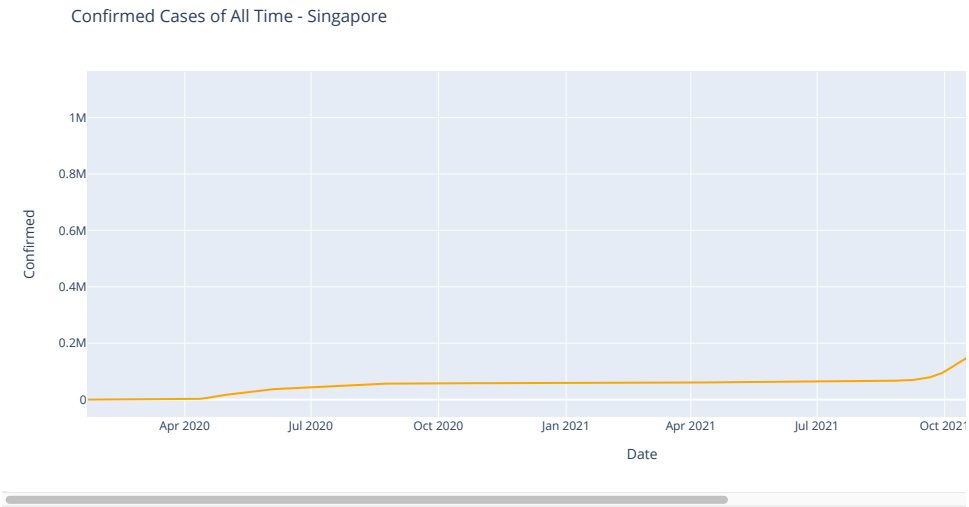
```
import pandas as pd
import requests

r = requests.get('https://api.covid19api.com/total/country/singapore')
data = r.text
df = pd.read_json(data, orient='records')
print(df[["Confirmed","Deaths","Active", "Date"]])
df["Date"]= pd.to_datetime(df.Date)
```

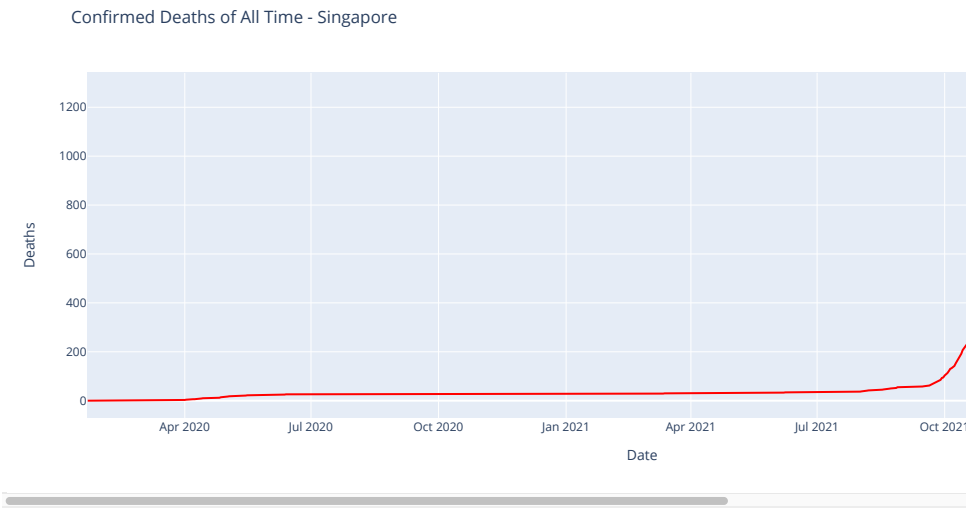
```
     Confirmed  Deaths   Active                      Date
0            0       0        0 2020-01-22 00:00:00+00:00
1            1       0        1 2020-01-23 00:00:00+00:00
2            3       0        3 2020-01-24 00:00:00+00:00
3            3       0        3 2020-01-25 00:00:00+00:00
4            4       0        4 2020-01-26 00:00:00+00:00
..         ...     ...      ...                       ...
796    1072005    1254  1070751 2022-03-28 00:00:00+00:00
797    1085094    1258  1083836 2022-03-29 00:00:00+00:00
798    1090823    1263  1089560 2022-03-30 00:00:00+00:00
799    1096428    1268  1095160 2022-03-31 00:00:00+00:00
800    1101438    1270  1100168 2022-04-01 00:00:00+00:00

[801 rows x 4 columns]
```

```
import plotly.express as px
from plotly.subplots import make_subplots
import plotly.graph_objects as go

fig = make_subplots(
        rows=3, cols=1,
        subplot_titles=("Confirmed Cases of All Time - SG",
                        "Deaths of All Time - SG",
                        "Active Cases of All Time - SG")
        )

fig.add_trace(go.Scatter(x=df["Date"].to_numpy(),y=df["Confirmed"].to_numpy(),
                         name='Confirmed Cases',
                         mode="lines",
                         line=dict(color='orange')),
                         row=1, col=1
                         )
fig.add_trace(go.Scatter(x=df["Date"].to_numpy(),y=df["Deaths"].to_numpy(),
                         name='Deaths',
                         mode="lines",
                         line=dict(color='red')),
                         row=2, col=1
                         )
fig.add_trace(go.Scatter(x=df["Date"].to_numpy(),y=df["Active"].to_numpy(),
                         name='Active',
                         mode="lines",
                         line=dict(color='blue')),
                         row=3, col=1
                         )

fig.update_layout(height=1000)
```

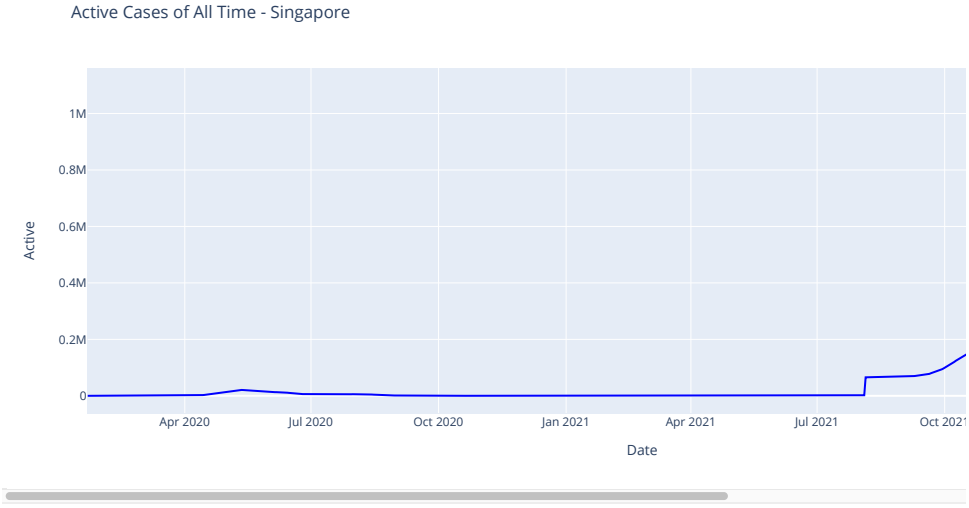
```
import plotly.express as px
from plotly.subplots import make_subplots
import plotly.graph_objects as go

fig = make_subplots(rows=1, cols=2)

fig = px.line(df, x="Date", y="Confirmed",
              title="Confirmed Cases of All Time - Singapore")

fig['data'][0]['line']['color']="orange"
fig.show()
```




```
fig = px.line(df, x="Date", y="Deaths", title="Confirmed Deaths of All Time - Singapore")
fig['data'][0]['line']['color']="red"
fig.show()
```




```
fig = px.line(df, x="Date", y="Active", title="Active Cases of All Time - Singapore")
fig['data'][0]['line']['color']="blue"
fig.show()
```



✓ 0s completed at 01:47