**PROGRAM:**

import pandas as pd

import plotly.express as px

df = pd.DataFrame({

"State": ["California", "Texas", "New York", "Florida", "Illinois"],

"Code": ["CA", "TX", "NY", "FL", "IL"],

"Population": [39538223, 29145505, 20201249, 21538187, 12812508]

})

fig = px.choropleth(

df,

locations="Code",

locationmode="USA-states",

color="Population",

hover\_name="State",

scope="usa",

color\_continuous\_scale="Viridis",

title="US States Population (Interactive Map)"

)

fig.show()

**OUTPUT:**

A map of the united states

AI-generated content may be incorrect.