**UNEMPLOYMENT ANALYSIS**

Chart, line chart

Description automatically generated  
Fig.(1) Line plot

This Line plot depicts the Unemployment analysis among three different countries/Nations. I selected a Line plot because it is an easy way to visualize the graph.

Fig.(1) Analysis shows that in Europe and Central Asia unemployment rate since 1990 there is a significant rise in the graph from 1990-2000 and between 2007-2015. Fall-off until 2020.

In the United Kingdom, there is a peak rise in unemployment in the early 90s and a slight rise in 2010-13. It declined to the lowest Unemployment in 2020.

In the United States, there is a high rise in unemployment in 2010 and 2020.

Chart, histogram

Description automatically generated

Fig.(2) Bar plot

The Bar plot depicts the Unemployment analysis for four different countries. I chose this Bar plot and in particular subplots to clearly show each individual country’s plots.

Unemployment in South Africa is higher than in any other country shown in the Black bar graph with a steady increase in values and second highest in India shown in the Blue bar graph. UAE and Pakistan values increased by 3 and 4 over the last two years, as shown in the red and yellow bar graphs above.

Chart, scatter chart

Description automatically generated

Fig.(3)Scatter plot

The Scatter plot depicts the Unemployment analysis for three European countries. I chose a Scatter plot because it is an easy way to visualize the graph.

The chart shows, among three European countries, that Portugal experienced a high unemployment rate between 2010 and 2013 and then gradually decreased thereafter, while the Netherlands experienced high unemployment every decade since 95. Germany saw a wave of ups and downs over a decade and then subsequently decreased.

**GITHUB REPOSITORY LINK**

**https://github.com/Dakipaul/Visualisation\_CW.git**