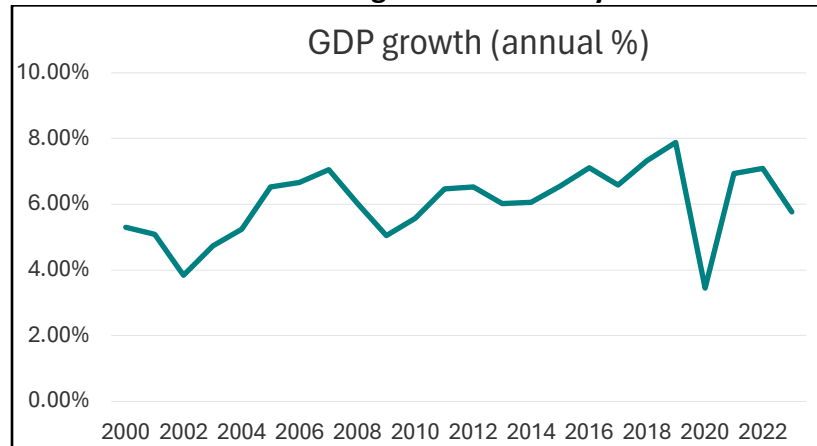


Below are some analyses done on various economic metrics of Bangladesh from the last 20 years. I have analyzed a public dataset and other official news articles, which are all cited as necessary.

- **What is the trend in GDP growth over the years?**

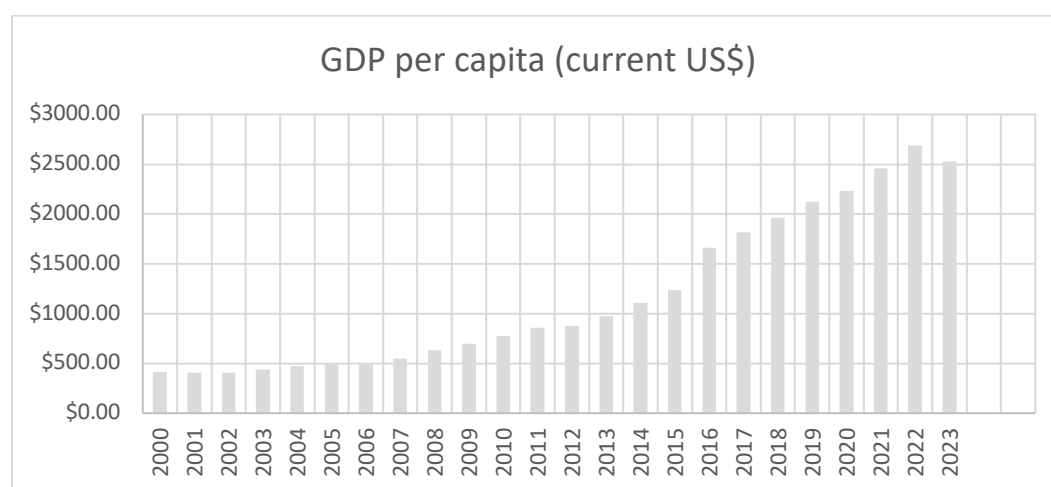


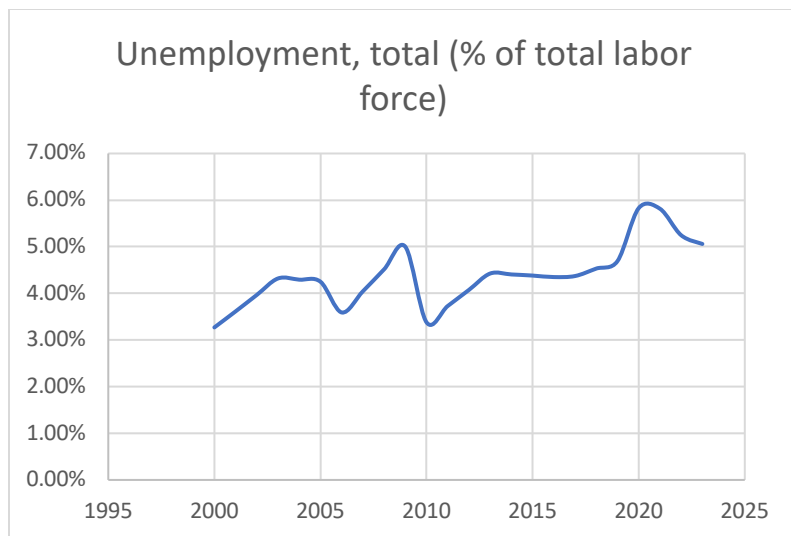
As the graph above depicts, the GDP growth for BD ascended steadily over the last two decades except for sharp decline around 2007-2008 and around 2020.

The first fall of the GDP growth trend around the period of 2007 to 2008 was largely due to the global financial crisis in 2008, as the GDP growth % went down from 7.06% (2007) to 6.01% (2008) to 5.05% (2009). Even though the country seemed to have suffered a modest economic slowdown, the crisis had effect on other industries like exports and remittances.

The second significant drop in the country's GDP growth occurred around 2020 due to the widespread effect of pandemic which slowed down the worldwide economy.

- **How does GDP per capita correlate with GDP growth and unemployment?**

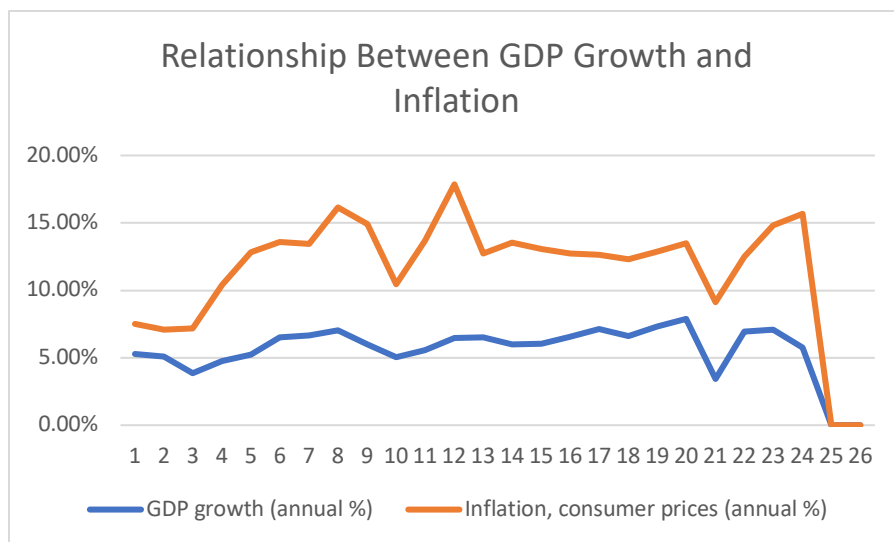




As per general economic logic, trend for GDP per capita should positively correlate with GDP growth and negatively correlate with unemployment.

Looking at the charts represented above we can see that the data from GDP growth and GDP per capita does correlate positively except around 2020 when the GDP growth declined substantially but the GDP per capita remained steady. While this seems counterintuitive, there are several factors which are at play. Most importantly, pandemic impacted certain sectors like hospitality, tourism and transportation, among others. Most of these industries primarily involve low-income jobs as well as contribute minimally to GDP per capita, which is why the GDP per capita remained steadier.

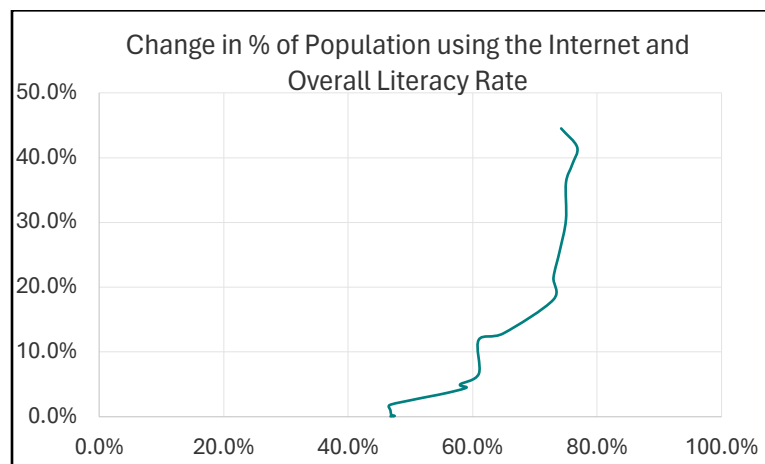
• How does inflation impact GDP growth and unemployment?



The figure above shows the relationship between GDP Growth and Inflation, demonstrating a positive correlation between the changes. The correlation represents demand-pull inflation, which is the rise in demand for goods and services caused by a spike in economic growth. The two curves on the figure above closely follow similar trends, further reinforcing the demand-pull inflation.

- **What percentage of individuals are using the internet, and how has this changed over time?**

Is there a link between internet usage and literacy rates?



As the figure shows above, there is a clear positive relationship between an increasing number of people using internet and the overall literacy rate going up in the country. While the data shows only 0.1% of the population using internet around the year 2000, the numbers has gone up substantially to 44.5% by 2024.

References:

Ali M., Islam A. (March 2011) "The Great Recession of 2008: Impact on the Bangladeshi Economy and International Business Implications." Thunderbird International Business Review. Retrieved From;
https://www.researchgate.net/publication/229922916_The_Great_Recession_of_2008_Impact_on_the_Bangladeshi_economy_and_international_business_implications

Siddiquee et. Al. (2020) "Covid 19's Impact on Bangladesh Economy." BRAC Institute of Governance and Development.