**Assessment Task: Fetching and Analyzing Top 50 Live Cryptocurrency Data**

**Objective:**

The goal of this assessment is to fetch live cryptocurrency data for the top 50 cryptocurrencies, analyze it, and present the data in a live-updating Excel sheet. The Excel sheet should continuously update with the latest cryptocurrency prices.

Assessment steps-  
  
**1- Fetch Live Data**  
Use a public API (e.g., CoinGecko, CoinMarketCap, or Binance API) to fetch the top 50 cryptocurrencies by market capitalization.

The data should include at least the following fields:

* Cryptocurrency Name
* Symbol
* Current Price (in USD)
* Market Capitalization
* 24-hour Trading Volume
* Price Change (24-hour, percentage)

**2-Data Analysis**

Perform basic analysis on the live data fetched. Your analysis should include:

* Identifying the top 5 cryptocurrencies by market cap.
* Calculating the average price of the top 50 cryptocurrencies.
* Analyzing the highest and lowest 24-hour percentage price change among the top 50.

**3-Live-Running Excel Sheet**

Set Up Live Updating in Excel:

* fetch live data directly into Excel from the API.

Your sheet must:

* Continuously update the data (e.g., every 5 minutes).
* Show the **live prices** and other key metrics.

**4-Submission Requirements:**

1. Python Script
2. Excel sheet should show **live updating data**. Share link also to see live updated sheet in excel.
3. **Analysis Report**: A brief report (PDF or Word) summarizing the key insights and analysis from the data fetched.