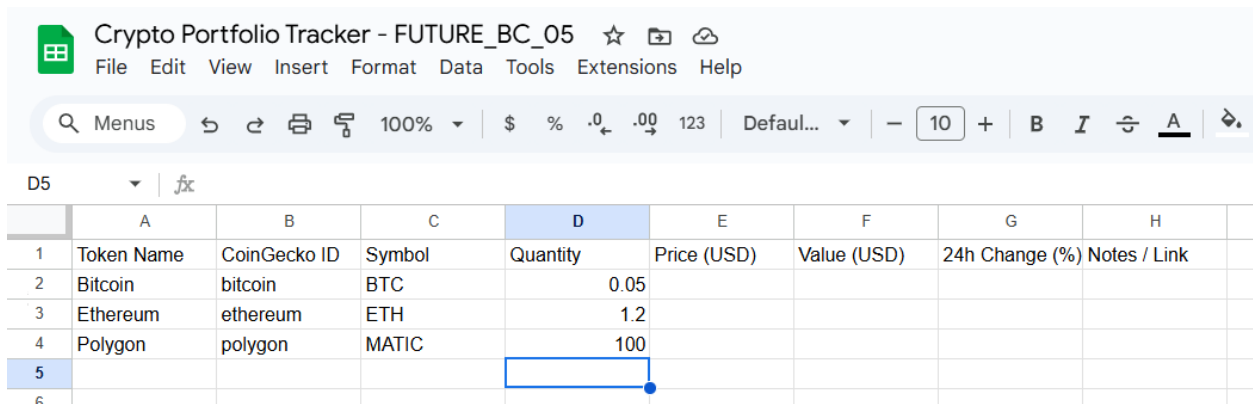# Task 5

Overview: Learned about APIs, Google Apps Script, and spreadsheet automation.
Studied how to fetch real-time crypto prices from CoinGecko API, process JSON responses, and auto-calculate portfolio value in Google Sheets.
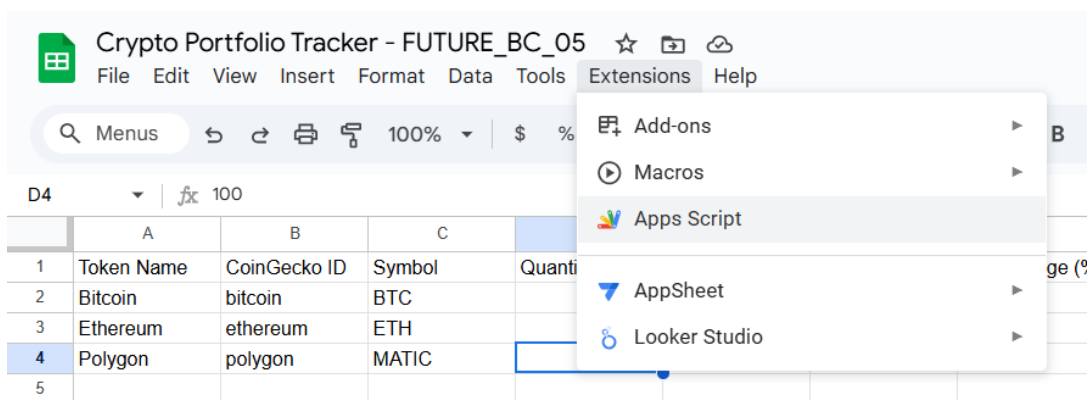
Steps:

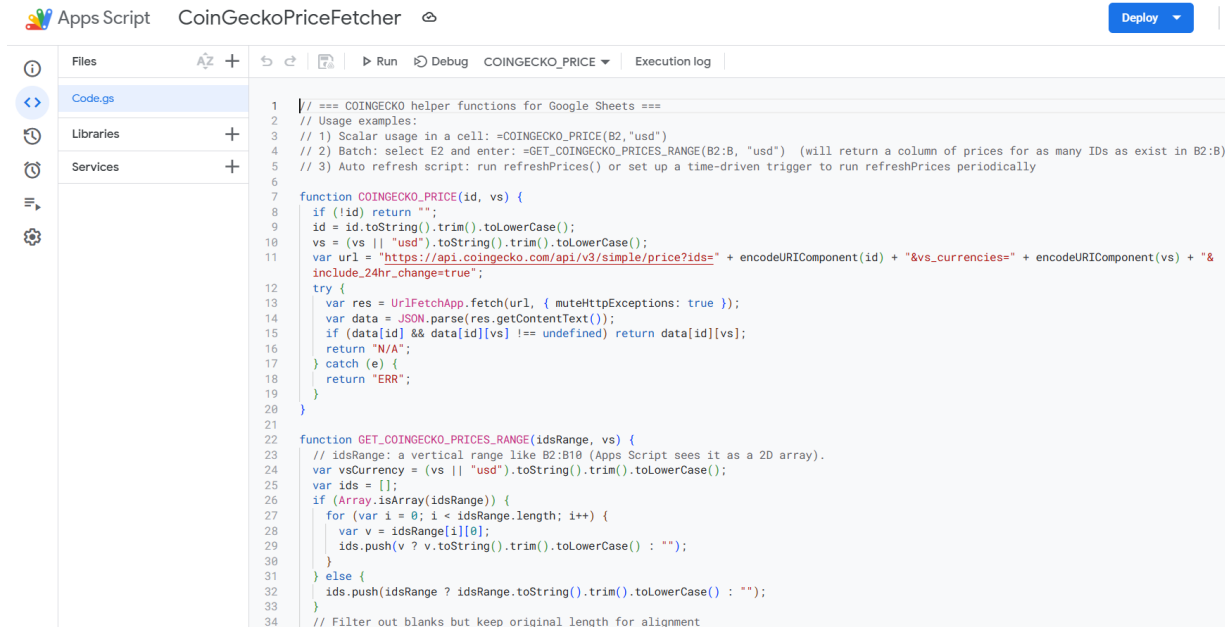1. Create a google sheet with name Crypto Portfolio Tracker – FUTURE_BC_05.

2. Click on Extensions -> Apps Script.

3. Write script to fetch price of cryptocurrencies.
4. Click on Run to run the code.

5. Authorize your google account and review its permission.
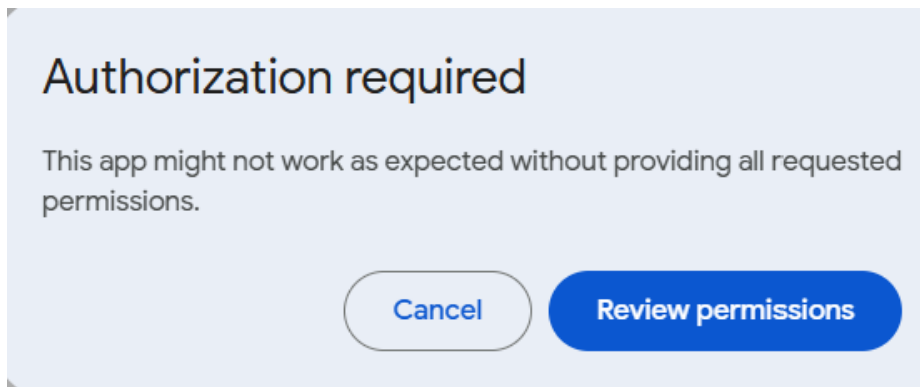
6. Click on Advanced and then continue.

Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer
_____gmail.com) verifies this app with Google, you shouldn't use it.

Advanced   BACK TO SAFETY
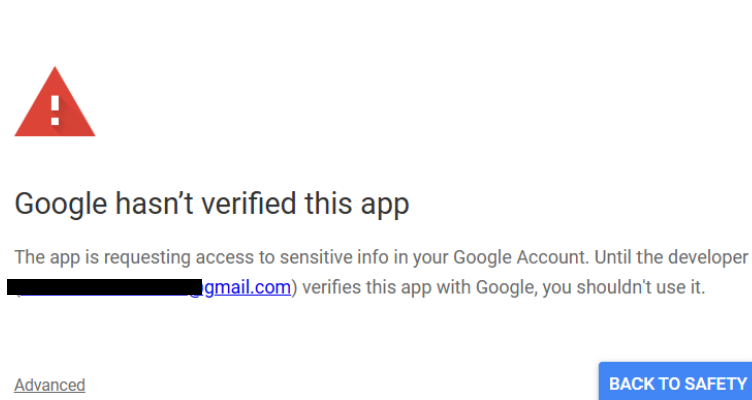
7. It will start fetching price of cryptocurrency.

	A	B	C	D	E	F	G
	F6	▼	*fx* =SUM(F2:F4)				
1	Token Name	CoinGecko ID	Symbol	Quantity	Price (USD)	Value (USD)	Notes / Link
2	Bitcoin	bitcoin	BTC	0.05	N/A		
3	Ethereum	ethereum	ETH	1.2	$4,487.03	$5,384.44	
4	Polygon	polygon	MATIC	100	N/A		
5							
6					Total Portfolio Value:	5384.436	
7							

Conclusion: This task improved my skills in API integration and automation.
I built a fully functional, shareable crypto tracker that updates prices automatically, which is a valuable tool for anyone monitoring their digital assets.