

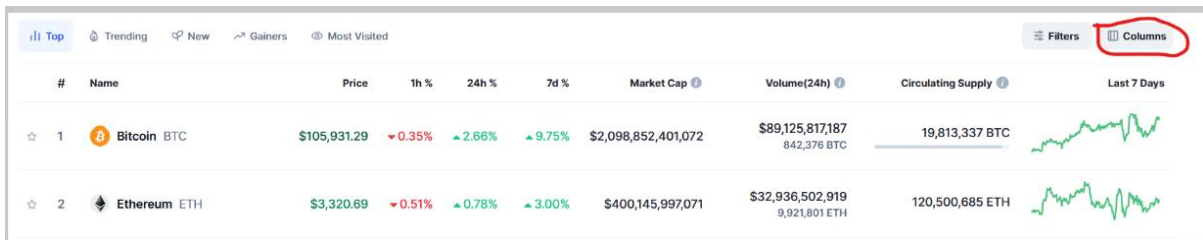
## Test Selenium

### Notas Generales:

- Desarrollar código Python para extraer data desde página web usando la librería de Selenium siguiendo el Paso a Paso suministrado a continuación.
- Usar librería de Pandas para manejo de Dataframe
- Evitar uso de XPATH absolutos. Se debe crear XPATH relativos

### Paso a Paso:

1. Ir a <https://coinmarketcap.com/>
2. Click en Columns



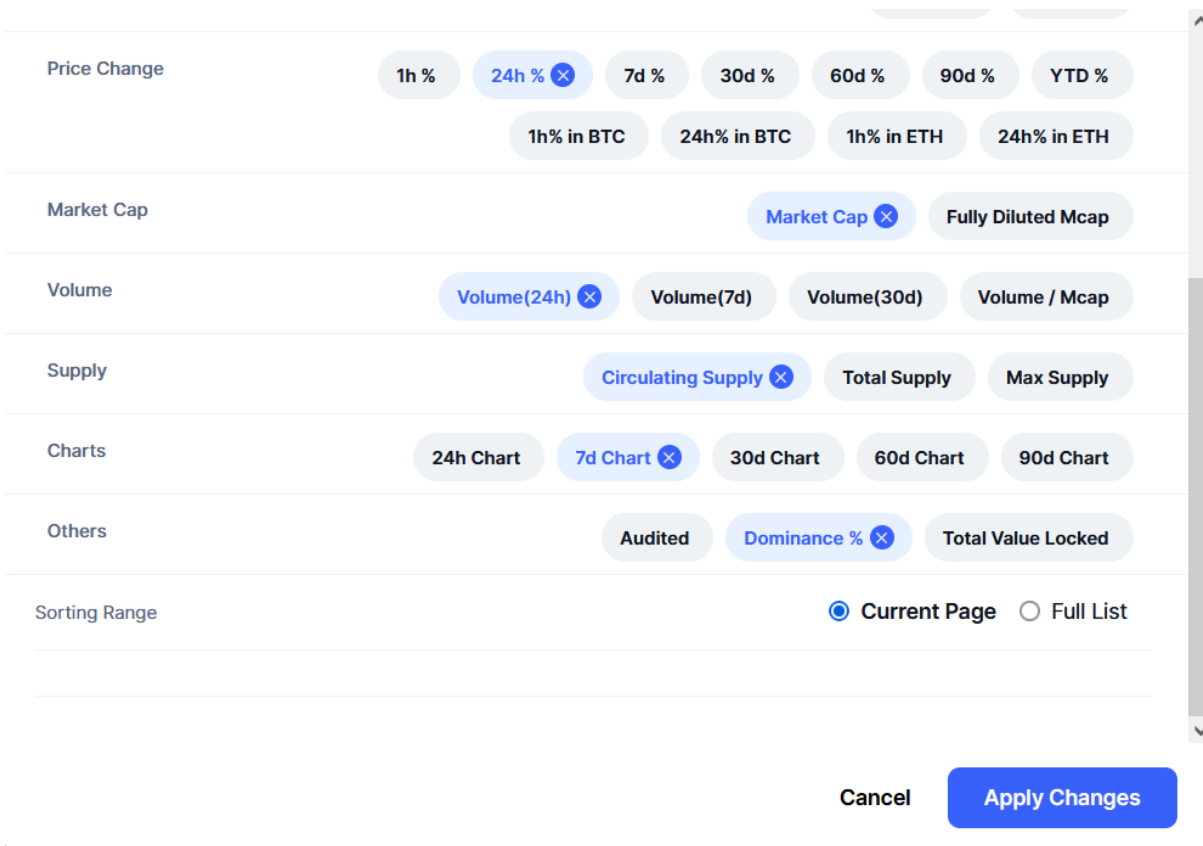
The screenshot shows the CoinMarketCap website interface. At the top, there are navigation tabs: 'Top', 'Trending', 'New', 'Gainers', and 'Most Visited'. On the right side, there are 'Filters' and 'Columns' buttons. The 'Columns' button is highlighted with a red rectangle. Below the navigation, a table lists cryptocurrencies. The first two rows are for Bitcoin and Ethereum, showing their price, percentage changes for 1h, 24h, and 7d, market cap, volume, and supply. To the right of the table, there are small line charts for the 'Last 7 Days'.

#	Name	Price	1h %	24h %	7d %	Market Cap	Volume(24h)	Circulating Supply	Last 7 Days
1	Bitcoin BTC	\$105,931.29	▼ 0.35%	▲ 2.66%	▲ 9.75%	\$2,098,852,401,072	\$89,125,817,187 842,376 BTC	19,813,337 BTC	
2	Ethereum ETH	\$3,320.69	▼ 0.51%	▲ 0.78%	▲ 3.00%	\$400,145,997,071	\$32,936,502,919 9,921,801 ETH	120,500,685 ETH	

3. Seleccionar las siguientes opciones y click en Apply Changes.

Choose up to 6/12 metrics

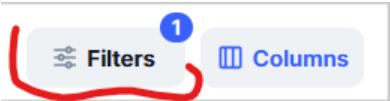
Add, delete and sort metrics just how you need it



The dialog box allows users to select metrics for the table. It is organized into sections with various options, some of which are selected (indicated by a blue 'X' icon).

- Price Change:** 1h %, 24h % (selected), 7d %, 30d %, 60d %, 90d %, YTD %, 1h% in BTC, 24h% in BTC, 1h% in ETH, 24h% in ETH.
- Market Cap:** Market Cap (selected), Fully Diluted Mcap.
- Volume:** Volume(24h) (selected), Volume(7d), Volume(30d), Volume / Mcap.
- Supply:** Circulating Supply (selected), Total Supply, Max Supply.
- Charts:** 24h Chart, 7d Chart (selected), 30d Chart, 60d Chart, 90d Chart.
- Others:** Audited, Dominance % (selected), Total Value Locked.
- Sorting Range:** ☒ Current Page, ☐ Full List.

At the bottom right, there are 'Cancel' and 'Apply Changes' buttons.

4. Click en el boton Filters  y seleccionar lo siguiente, luego click en Apply

## Filters ×

Chain

Solana Ecosystem ▼

Category

All Categories ▼

Market Cap

Min \$ - Max \$

FDV

Min \$ - Max \$

Price Change (24h)

Min % - Max %

Volume (24h)

Min \$ - Max \$

Volume Change (24h)

Min % - Max %

Age

Min hours ▼ - Max hours ▼

↺ Reset

Apply

5. Crear Dataframe de Pandas con los primeros 100 registros.
6. Modificar, limpiar y exportar la data en csv de tal forma que obtengan un archivo con estas columnas:

Name	Price	24h %	Domina	Market Cap	Volume(24h)	Circulating Supply
Bitcoin BTC	\$105,705.52	2.55%	57.67%	\$2,095,021,292,121	\$89,069,033,593 842,356 BTC	19,813,331 BTC
Ethereum ETH	\$3,320.20	0.69%	11.00%	\$399,380,250,577	\$32,839,511,394 9,908,311 ETH	120,500,685 ETH