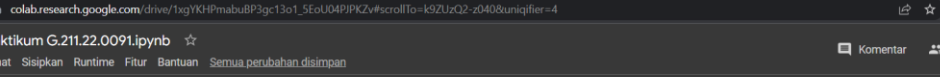


G.211.22.0091

UAS PRAKTIKUM KOMPUTER GRAFIS



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UAS Praktikum G.211.22.0091.ipynb

File Edit Lihat Sisipkan Runtime Fitur Bantuan Semua perubahan disimpan

+ Kode + Teks

ALDI NAYAKA PUTRA/G.211.22.0091

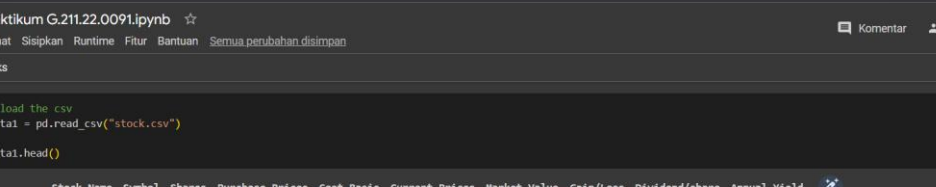
1. Buatlah data berikut ke dalam format file csv dengan nama file stock.csv

```
1 # import module
2 import pandas as pd
3 import seaborn as sns
4 from google.colab import files
5 uploaded = files.upload()
6
```

stock.csv

stock.csv(text/csv) - 1357 bytes, last modified: 6/15/2023 - 100% done

Saving stock.csv to stock (1).csv

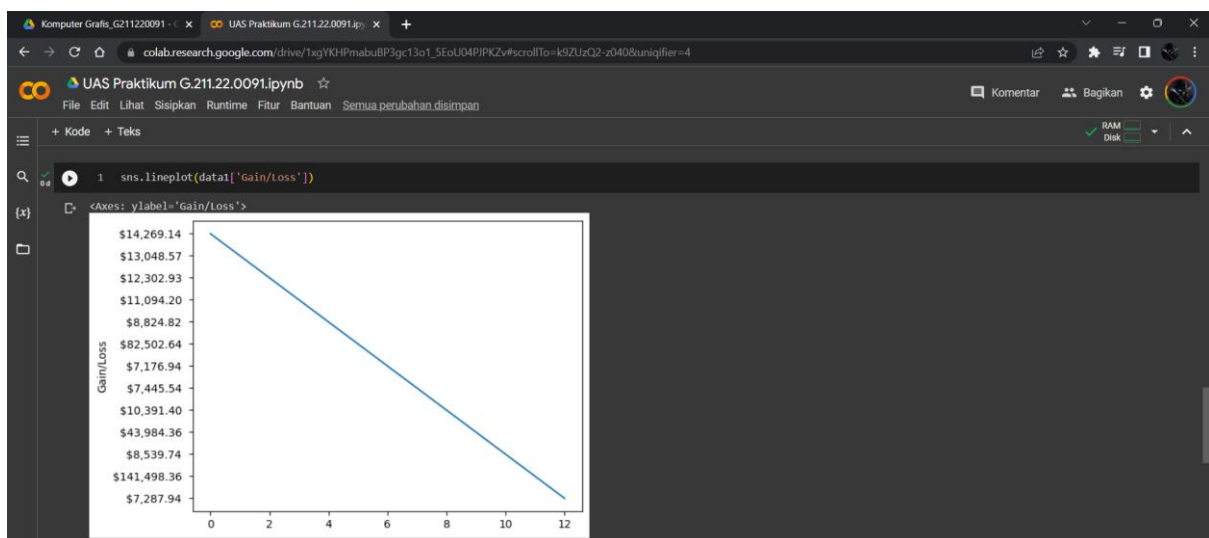
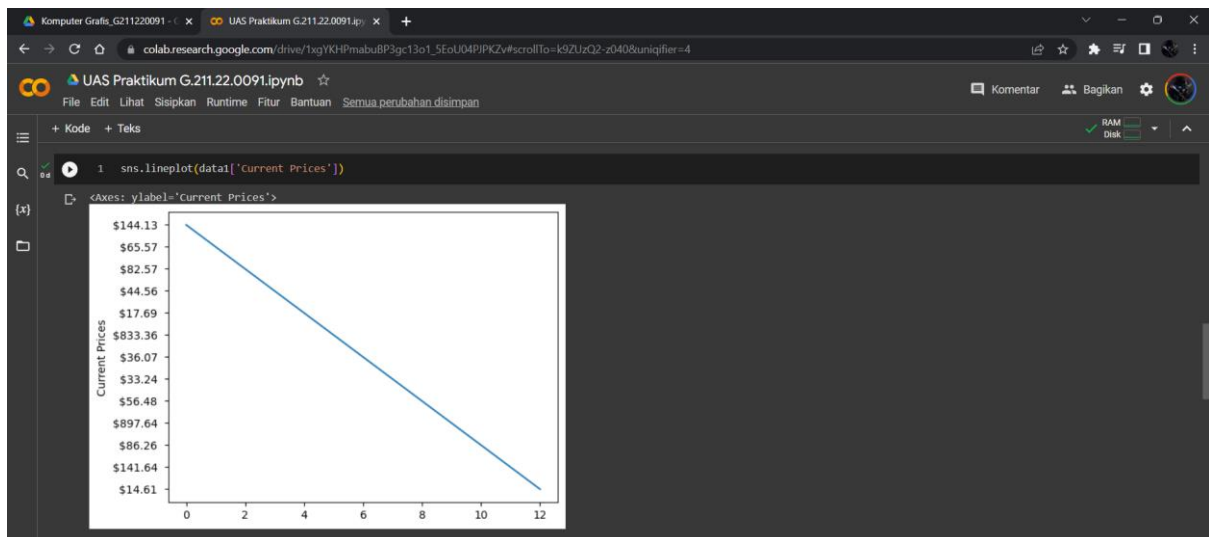
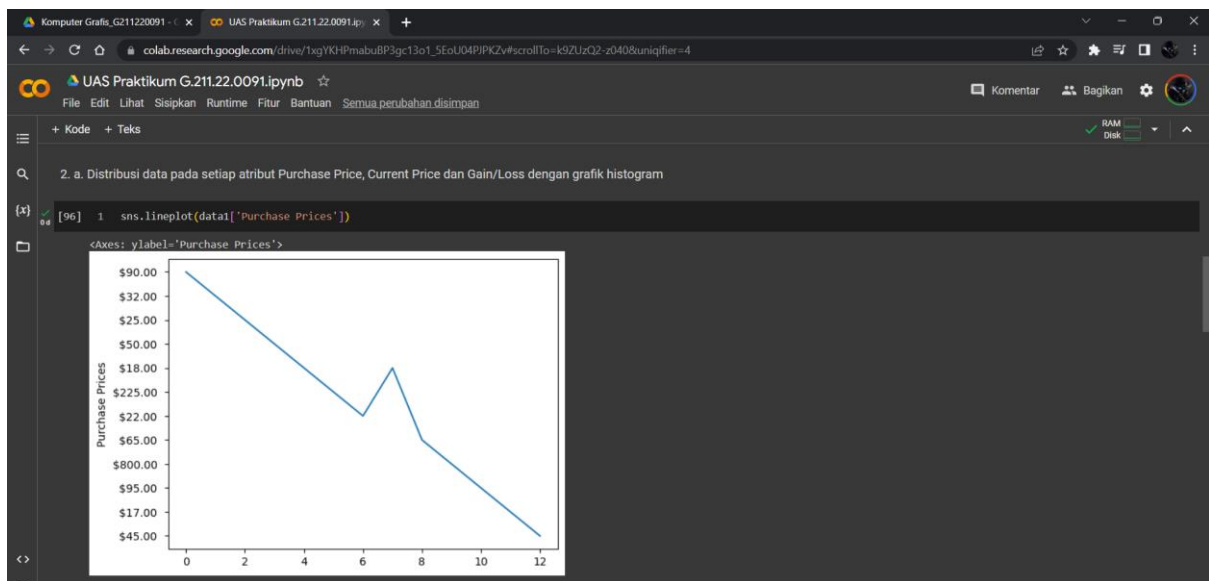


The screenshot shows a Google Colab notebook titled "UAS Praktikum G.211.22.0091.ipynb". The code cell contains the following Python code:

```
# load the csv
data1 = pd.read_csv("stock.csv")
data1.head()
```

The output of the code is a pandas DataFrame with 10 columns: Stock Name, Symbol, Shares, Purchase Prices, Cost Basis, Current Prices, Market Value, Gain/Loss, Dividend/share, and Annual Yield. The DataFrame contains 5 rows of data for Apple, Microsoft, Salesforce, Oracle, and Hewlett Packard Enterprise.

	Stock Name	Symbol	Shares	Purchase Prices	Cost Basis	Current Prices	Market Value	Gain/Loss	Dividend/share	Annual Yield
0	Apple	AAPL	100.0	\$90.00	\$9,000.00	\$144.13	\$14,413.27	\$14,269.14	\$2.28	1.58%
1	Microsoft	MSFT	200.0	\$32.00	\$6,400.00	\$65.57	\$13,114.14	\$13,048.57	\$1.56	2.38%
2	Salesforce	CRM	150.0	\$25.00	\$3,750.00	\$82.57	\$12,385.50	\$12,302.93	\$0.00	0.00%
3	Oracle	ORCL	250.0	\$50.00	\$12,500.00	\$44.56	\$11,138.75	\$11,084.20	\$0.64	1.44%
4	Hewlett Packard Enterprise	HPE	500.0	\$18.00	\$9,000.00	\$17.69	\$8,842.50	\$8,824.82	\$0.26	1.47%



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UAS Praktikum G.211.22.0091.ipynb ☆

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2. b. Atribut Stock Name dan Symbol yang memiliki Dividen / Share 5 tertinggi

```
[242] 1 # Mengurutkan data berdasarkan kolom tertentu (misalnya, 'nama_kolom')
2 data1_sorted = data1.sort_values(by='Dividend/share', ascending=False)
3
4 # Menampilkan 5 data tertinggi
5 top_5 = data1_sorted.head(5)[['Stock Name', 'Symbol']]
6 print(top_5)
7
```

	Stock Name	Symbol
0	Apple	AAPL
8	Qualcomm	QCOM
1	Microsoft	MSFT
7	Cisco	CSCO
6	Intel	INTC

Komputer Grafis, G211220091 - x UAS Praktikum G.211.22.0091.ipynb x +

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UAS Praktikum G.211.22.0091.ipynb ☆

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2. C. Atribut Stock Name dan Symbol yang memiliki Market Value 5 tertinggi

```
[238] 1 # Mengurutkan data berdasarkan kolom tertentu (misalnya, 'nama_kolom')
2 data1_sorted = data1.sort_values(by='Market Value', ascending=False)
3
4 # Menampilkan 5 data tertinggi
5 top_5 = data1_sorted.head(5)[['Stock Name', 'Symbol']]
6 print(top_5)
```

	Stock Name	Symbol
5	Alphabet	GOOG
4	Hewlett Packard Enterprise	HPE
10	Redhat	RHT
7	Cisco	CSCO
12	Twitter	TWTR

Komputer Grafis, G211220091 - x UAS Praktikum G.211.22.0091.ipynb x +

colab.research.google.com/drive/1xgYKHpmabuBP3gc13o1_5EoU04PIPKZv#scrollTo=k9ZUzQ2-z040&uniquifier=4

UAS Praktikum G.211.22.0091.ipynb ☆

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2. D. Atribut Stock Name dan Symbol yang memiliki Annual Yield 7 tertinggi

```
[241] 1 # Mengurutkan data berdasarkan kolom tertentu (misalnya, 'nama_kolom')
2 data1_sorted = data1.sort_values(by='Annual Yield', ascending=False)
3
4 # Menampilkan 5 data tertinggi
5 top_7 = data1_sorted.head(7)[['Stock Name', 'Symbol']]
6 print(top_7)
7
```

	Stock Name	Symbol
8	Qualcomm	QCOM
7	Cisco	CSCO
6	Intel	INTC
1	Microsoft	MSFT
0	Apple	AAPL
4	Hewlett Packard Enterprise	HPE
3	Oracle	ORCL