Nama : Aulia Faiqoh

NIM : 2304020032

No. Urut : 27

Data Student Performance

https://docs.google.com/spreadsheets/d/1i6aQuI7_8mOihmxWbNlIYamoxb1xCslQT0a46iWSCjk/edit?usp=sharing

Sintaks untuk menampilkan data dan diagram lingkaran:

```
import pandas as pd

import matplotlib.pyplot as plt


df=pd.read_csv('/content/drive/MyDrive/StudentsPerformance.csv')


from google.colab import drive

drive.mount('/content/drive')


df.head()


data_pie = df["lunch"].value_counts()


plt.figure(figsize=(10, 10))

plt.pie(

    data_pie.values,

    labels=data_pie.index,

    autopct='%1.1f%%'

)


plt.title("Diagram Lingkaran lunch")
```

plt.show()

[1] ✓ 0 d
```
import pandas as pd
import matplotlib.pyplot as plt
```

[2] ✓ 0 d
```
df=pd.read_csv('/content/drive/MyDrive/StudentsPerformance.csv')
```

[3] ✓ 10 d
```
from google.colab import drive
drive.mount('/content/drive')
```

```
Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content
```

[4] ✓ 0 d
```
df.head()
```

	gender	race/ethnicity	parental level of education	lunch	test preparation course	math score	reading score	writing score
0	female	group B	bachelor's degree	standard	none	72	72	74
1	female	group C	some college	standard	completed	69	90	88
2	female	group B	master's degree	standard	none	90	95	93
3	male	group A	associate's degree	free/reduced	none	47	57	44
4	male	group C	some college	standard	none	76	78	75

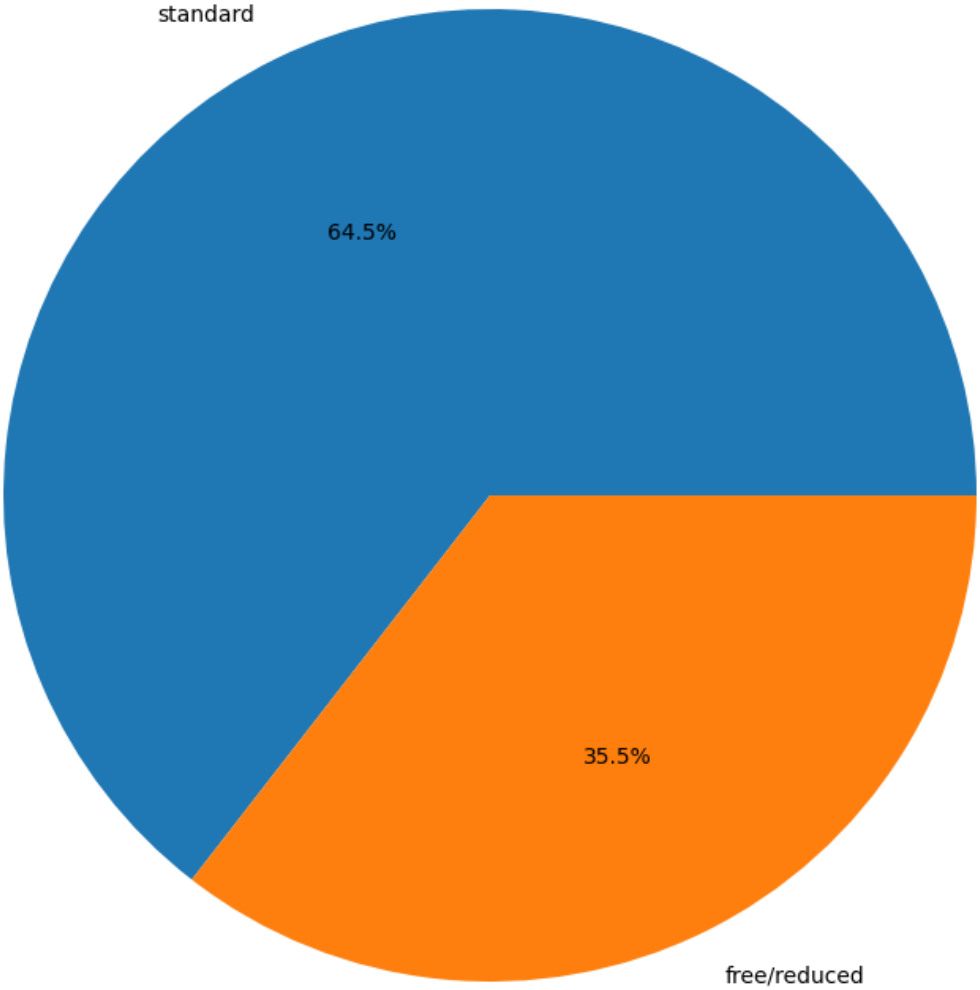
Langkah berikutnya: Buat kode dengan df | New interactive sheet

[5] ✓ 0 d
```
data_pie = df["lunch"].value_counts()
```

[7] ✓ 0 d
```
plt.figure(figsize=(10, 10))
plt.pie(
    data_pie.values,
    labels=data_pie.index,
    autopct='%1.1f%%'
)

plt.title("Diagram Lingkaran lunch")
plt.show()
```

Diagram Lingkaran lunch



Data Basis Data Pangan & Gizi Global

https://docs.google.com/spreadsheets/d/1hSsEzVt_JyRru_bV5Q1JMR7hnUkpawA76hHNqSnLCU/edit?usp=sharing

Sintaks untuk menampilkan data dan diagram lingkaran:

```
import pandas as pd
import matplotlib.pyplot as plt

df=pd.read_csv('/content/drive/MyDrive/comprehensive_foods_usda.csv')

from google.colab import drive
drive.mount('/content/drive')

df.head()

data_pie = df["food_type"].value_counts()

plt.figure(figsize=(10, 10))
plt.pie(
    data_pie.values,
    labels=data_pie.index,
    autopct='%1.1f%%'
)
plt.title("Diagram Lingkaran food type")
plt.show()
```

[13] ✓ 0 d

```
import pandas as pd
import matplotlib.pyplot as plt
```

[14] ✓ 0 d

```
df=pd.read_csv('/content/drive/MyDrive/comprehensive_foods_usda.csv')
```

[15] ✓ 3 d

```
from google.colab import drive
drive.mount('/content/drive')
```

```
Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).
```

[16] ✓ 0 d

```
df.head()
```

	fdc_id	food_name	data_type	food_category	brand_owner	brand_name	ingredients	serving_size	serving_unit	household_serving	...	prc
0	167782	Abiyuch, raw	SR Legacy	Fruits and Fruit Juices	NaN	NaN	NaN	NaN	NaN	NaN	...	
1	171687	Acerola juice, raw	SR Legacy	Fruits and Fruit Juices	NaN	NaN	NaN	NaN	NaN	NaN	...	
2	171686	Acerola, (west indian cherry), raw	SR Legacy	Fruits and Fruit Juices	NaN	NaN	NaN	NaN	NaN	NaN	...	
3	168061	Acorn stew (Apache)	SR Legacy	American Indian/Alaska Native Foods	NaN	NaN	NaN	NaN	NaN	NaN	...	
4	168992	Agave, cooked (Southwest)	SR Legacy	American Indian/Alaska Native Foods	NaN	NaN	NaN	NaN	NaN	NaN	...	

5 rows × 24 columns

[25] ✓ 0 d

```
data_pie = df["food_type"].value_counts()
```

[28] ✓ 0 d

```
plt.figure(figsize=(10, 10))
plt.pie(
    data_pie.values,
    labels=data_pie.index,
    autopct='%1.1f%%'
)
plt.title("Diagram Lingkaran food type")
plt.show()
```

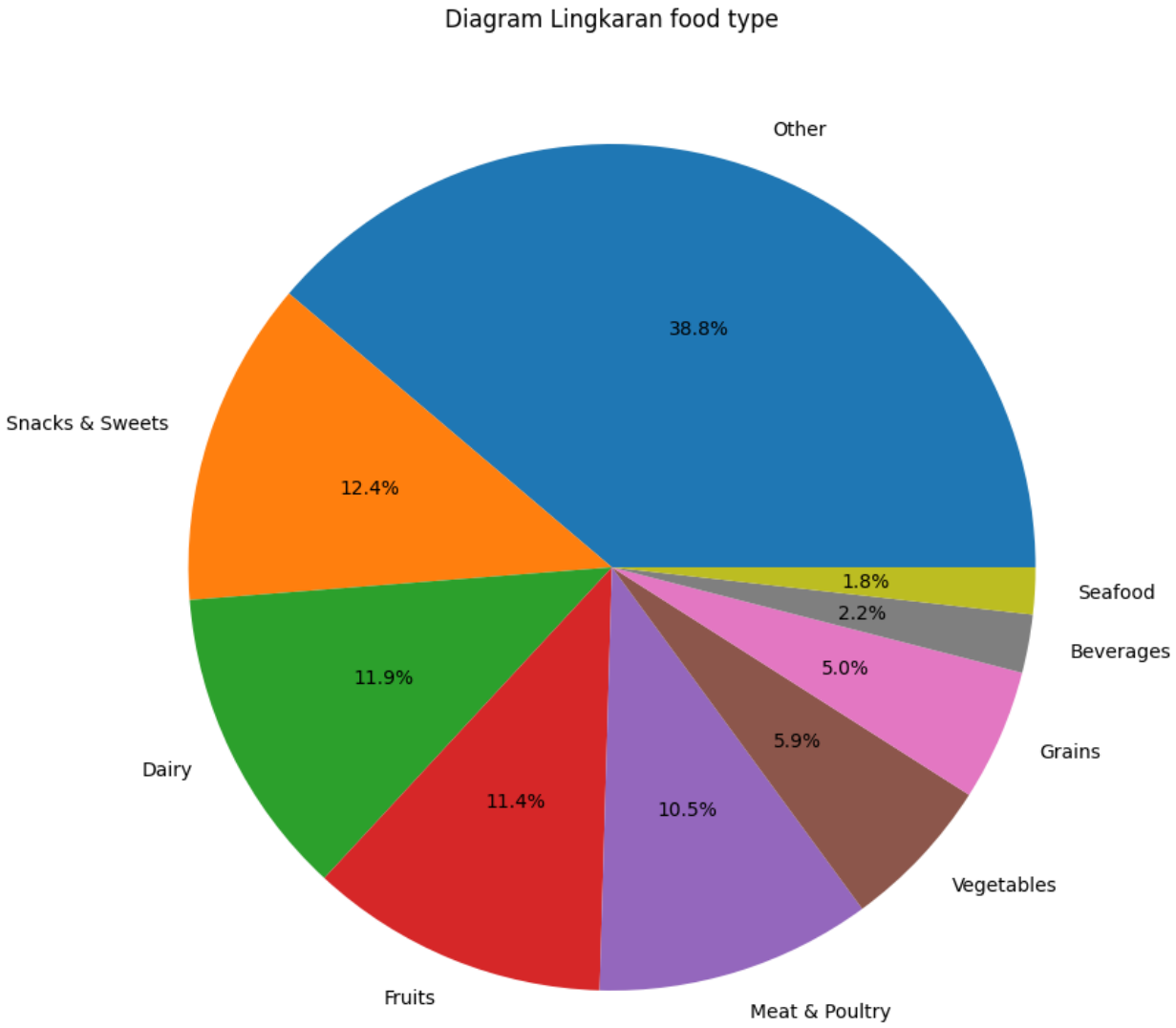


Diagram Lingkaran food type
Other
38.8%
Snacks & Sweets
12.4%
Dairy
11.9%
Fruits
11.4%
Meat & Poultry
10.5%
Vegetables
5.9%
Grains
5.0%
Beverages
2.2%
Seafood
1.8%