Intento de hacer la tarea jaja

Punto 1 Importar un dataset

Ruta del archivo = '/content/drive/MyDrive/Universidad/Semestre/2022-1/Computación estadistica/commerce_data.csv'

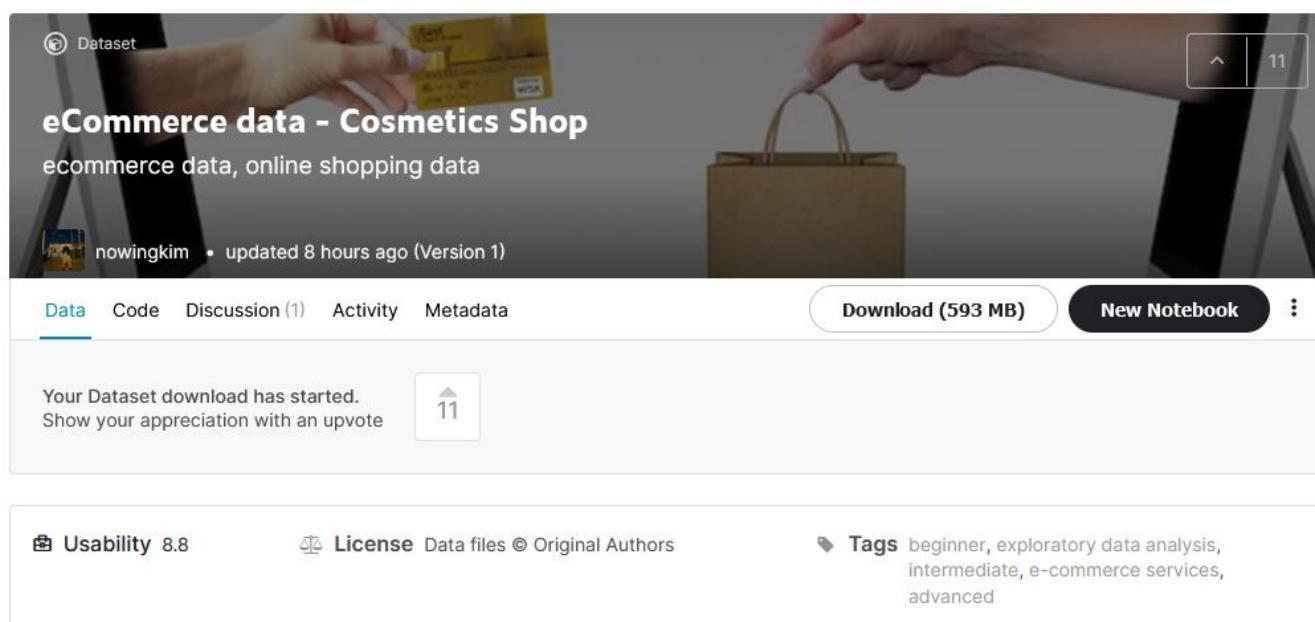**Insertar imagen del data de Kaggle**

Punto 2

Enlace original para descargar la data https://www.kaggle.com/nowingkim/ecommerce-data-cosmetics-shop

Enlace original 2 https://www.kaggle.com/mkechinov/ecommerce-events-history-in-cosmetics-shop

Enlace original 3: https://rees46.com/

![Kaggle ecomerce](

)

Matriz 4x4

Punto 3

$$
\begin{bmatrix}
0 & 4 & -2 & 3 \\
-6 & 2 & 10 & 9 \\
5 & 8 & 5 & 16 \\
0 & -2 & 9 & 7
\end{bmatrix}
$$

```python
import pandas as pd
pd.read_csv("commerce_data.csv")
commerce_data_df = pd.read_csv("commerce_data.csv")
commerce_data_df
```

	art	5677604	1487580010100293687	Not defined	define
2019-12-21 16:21:27+09	view	5727536	1487580004882580302	Not defined	Not def
2019-12-21 16:21:28+09	cart	5635114	1487580005754995573	Not defined	Not def
2019-12-21 16:21:30+09	cart	5813812	1487580005754995573	Not defined	Not def

2019-12-21 16:21:33+09	view	5875315	1487580013489291461	Not defined	Not def
2019-12-21 16:21:34+09	cart	5895775	1487580012591710363	Not defined	Not def
...	...	...	...	...	...
2019-12-16 01:54:14+09	view	5856192	1487580006350586771	appliances.environment.vacuum	r
2019-12-16 01:54:26+09	view	5856192	1487580006350586771	appliances.environment.vacuum	r
2019-12-16 01:58:11+09	view	10091	1487580012759482531	furniture.bathroom.bath	Not def
2019-12-16 01:59:06+09	view	5855507	1487580006350586771	appliances.environment.vacuum	
2019-12-16 01:59:09+09	view	5395	1487580006350586771	appliances.environment.vacuum	r

3110893 rows × 11 columns

```
type(commerce_data_df)
```

```
commerce_data_df.dtypes
```

```
art                                   object
5677604                                int64
1487580010100293687                    int64
Not defined                           object
Not defined.1                         object
1.27                                 float64
588564036                              int64
92ea818e-e7b5-478e-9317-de4d5beff585  object
Not defined.2                         object
Not defined.3                         object
Not defined.4                         object
dtype: object
```

```
commerce_data_df.head()
```

	art	**5677604**	**1487580010100293687**	**Not defined**	**Not defined.1**	**1.27**	**588564(**
2019-12-21 16:21:27+09	view	5727536	1487580004882580302	Not defined	Not defined	2.70	590171
2019-12-21 16:21:28+09	cart	5635114	1487580005754995573	Not defined	Not defined	4.44	580963
2019-12-21				Not			

16:21:30+09	cart	5813812	1487580005754995573	defined	Not defined	4.44	440837

Ψ

```
#Corrección punto 5 porque pensaba que era
\begin{array}{|c|c|c|} \hline
time & event_name & product_id & category
user_id &session &category_1 & category_2
1 & 1 & 2 & 3 \\
2 & 1 & 2 & 3 \\
3 & 1 & 2 & 3 \\ \hline
\end{array}
```

Correción punto 5 porque pensaba que era una tabla normal no en latex jaja

$time$	$event_n ame$	$product_i d$	$catego\ldots$
1	1	2	3
2	1	2	3
3	1	2	3

Punto 5

$$\int_0^8 x^2 \left(\frac{x+1}{6x^2} \right)$$