

```
[2]: import pandas as pd
df = pd.read_csv("C:/Users/Lenovo/Superstore.csv", encoding='ISO-8859-1')
df
```

	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	...	Postal Code	Region	Product ID	Category	Sub-Category	Product Name
0	1	CA-2013-152156	09-11-2013	12-11-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-BO-10001798	Furniture	Bookcases	Busin Somerse Collectio Bookcas
1	2	CA-2013-152156	09-11-2013	12-11-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-CH-10000454	Furniture	Chairs	Hon Delux Fabri Upholstere Stackin Chairs,
2	3	CA-2013-138688	13-06-2013	17-06-2013	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	...	90036	West	OFF-LA-10000240	Office Supplies	Labels	Self Adhesiv Addres Labels fc Typewriter b.
3	4	US-2012-108966	11-10-2012	18-10-2012	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	...	33311	South	FUR-TA-10000577	Furniture	Tables	Bretfor CR450 Series Slir Rectangula

		108500	2012	2012														system
...
9989	9990	CA-2011-110422	22-01-2011	24-01-2011	Second Class	TB-21400	Tom Boeckenhauer	Consumer	United States	Miami	...	33180	South	FUR-FU-10001889	Furniture	Furnishings	Ultra Doc Pull Handl	
9990	9991	CA-2014-121258	27-02-2014	04-03-2014	Standard Class	DB-13060	Dave Brooks	Consumer	United States	Costa Mesa	...	92627	West	FUR-FU-10000747	Furniture	Furnishings	Tenex B1-R Series Cha Mats fc Low Pil Car.	
9991	9992	CA-2014-121258	27-02-2014	04-03-2014	Standard Class	DB-13060	Dave Brooks	Consumer	United States	Costa Mesa	...	92627	West	TEC-PH-10003645	Technology	Phones	Aastra 5i VoIP phon	
9992	9993	CA-2014-121258	27-02-2014	04-03-2014	Standard Class	DB-13060	Dave Brooks	Consumer	United States	Costa Mesa	...	92627	West	OFF-PA-10004041	Office Supplies	Paper	It's Hc Messag Books wit Stickers, 3/4" x 5	
9993	9994	CA-2014-119914	05-05-2014	10-05-2014	Second Class	CC-12220	Chris Cortes	Consumer	United States	Westminster	...	92683	West	OFF-AP-10002684	Office Supplies	Appliances	Acco 7 Outle Masterpiec Powe Cente Wihton.	

9994 rows × 21 columns

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[1]: df['Order Date'] = pd.to_datetime(df['Order Date'], dayfirst=True, errors='coerce')

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NameError                                Traceback (most recent call last)
Cell In[1], line 1
----> 1 df['Order Date'] = pd.to_datetime(df['Order Date'], dayfirst=True, errors='coerce')

NameError: name 'pd' is not defined
```

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[4]: df['Order Date'] = df['Order Date'].dt.strftime('%B-%Y')
```

```
[5]: df
```

	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	...	Postal Code	Region	Product ID	Category	Sub-Category
0	1	CA-2013-152156	November-2013	November-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-BO-10001798	Furniture	Bookcases
1	2	CA-2013-152156	November-2013	November-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-CH-10000454	Furniture	Chairs

[6]: df.head(70)

	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	...	Postal Code	Region	Product ID	Category	Sub-Category	Product Name
0	1	CA-2013-152156	November-2013	November-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-BO-10001798	Furniture	Bookcases	Somerset Bookcase
1	2	CA-2013-152156	November-2013	November-2013	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	...	42420	South	FUR-CH-10000454	Furniture	Chairs	Honoring of Upholstered Chair
2	3	CA-2013-138688	June-2013	June-2013	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	...	90036	West	OFF-LA-10000240	Office Supplies	Labels	Adhesive Address Labels Typewriter
3	4	US-2012-108966	October-2012	October-2012	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	...	33311	South	FUR-TA-10000577	Furniture	Tables	Breakroom Series Rectangular

69	70	CA- 2013- 119823	June-2013	June-2013	First Class	KD-16270	Karen Daniels	Consumer	United States	Springfield	...	22153	South	OFF-PA- 10000482	Office Supplies	Paper	Carbo F Spe
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70 rows × 21 columns



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[7]: pip install openpyxl
```

Requirement already satisfied: openpyxl in c:\users\lenovo\appdata\local\programs\python\python313\lib\site-packages (3.1.5)
Requirement already satisfied: et-xmlfile in c:\users\lenovo\appdata\local\programs\python\python313\lib\site-packages (from openpyxl) (2.0.0)
Note: you may need to restart the kernel to use updated packages.

```
[8]: df.to_excel("Cleaned_Superstore.xlsx", index=False)
```

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[ ]:
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