

```
In [3]: !pip install pandas
```

```
Requirement already satisfied: pandas in c:\users\sk\anaconda3\lib\site-packages (2.3)
Requirement already satisfied: numpy>=1.26.0 in c:\users\sk\anaconda3\lib\site-packages (from pandas) (2.1.3)
Requirement already satisfied: python-dateutil>=2.8.2 in c:\users\sk\anaconda3\lib\site-packages (from pandas) (2.9.0.post0)
Requirement already satisfied: pytz>=2020.1 in c:\users\sk\anaconda3\lib\site-packages (from pandas) (2024.1)
Requirement already satisfied: tzdata>=2022.7 in c:\users\sk\anaconda3\lib\site-packages (from pandas) (2025.2)
Requirement already satisfied: six>=1.5 in c:\users\sk\anaconda3\lib\site-packages (from python-dateutil>=2.8.2->pandas) (1.17.0)
```

```
In [6]: import pandas as pd
```

```
In [7]: import numpy as np
```

```
In [10]: df = pd.read_csv("C:\\\\Users\\\\SK\\\\Downloads\\\\archive\\\\meesho Orders Aug.csv")  
df
```

```
-----  
FileNotFoundException                                     Traceback (most recent call last)  
Cell In[10], line 1  
----> 1 df = pd.read_csv("C:\\Users\\SK\\Downloads\\archive\\meesho Orders Aug.csv")  
      2 df  
  
File ~\anaconda3\Lib\site-packages\pandas\io\parsers\readers.py:1026, in read_csv(filepath_or_buffer, sep, delimiter, header, names, index_col, usecols, dtype, engine, converters, true_values, false_values, skipinitialspace, skiprows, skipfooter, nrows, na_values, keep_default_na, na_filter, verbose, skip_blank_lines, parse_dates, infer_datetime_format, keep_date_col, date_parser, date_format, dayfirst, cache_dates, iterator, chunksize, compression, thousands, decimal, lineterminator, quotechar, quoting, doublequote, escapechar, comment, encoding, encoding_errors, dialect, on_bad_lines, delim_whitespace, low_memory, memory_map, float_precision, storage_options, dtype_backend)  
    1013 kwds_defaults = _refine_defaults_read(  
    1014     dialect,  
    1015     delimiter,  
    (...)  
    1022     dtype_backend=dtype_backend,  
    1023 )  
    1024 kwds.update(kwds_defaults)  
-> 1026 return _read(filepath_or_buffer, kwds)  
  
File ~\anaconda3\Lib\site-packages\pandas\io\parsers\readers.py:620, in _read(filepath_or_buffer, kwds)  
    617 _validate_names(kwds.get("names", None))  
    619 # Create the parser.  
--> 620 parser = TextFileReader(filepath_or_buffer, **kwds)  
    622 if chunksize or iterator:  
    623     return parser  
  
File ~\anaconda3\Lib\site-packages\pandas\io\parsers\readers.py:1620, in TextFileReader.__init__(self, f, engine, **kwds)  
    1617     self.options["has_index_names"] = kwds["has_index_names"]  
    1619 self.handles: IOHandles | None = None  
-> 1620 self._engine = self._make_engine(f, self.engine)  
  
File ~\anaconda3\Lib\site-packages\pandas\io\parsers\readers.py:1880, in TextFileReader._make_engine(self, f, engine)  
    1878     if "b" not in mode:  
    1879         mode += "b"  
-> 1880 self.handles = get_handle(  
    1881     f,  
    1882     mode,  
    1883     encoding=self.options.get("encoding", None),  
    1884     compression=self.options.get("compression", None),  
    1885     memory_map=self.options.get("memory_map", False),  
    1886     is_text=is_text,  
    1887     errors=self.options.get("encoding_errors", "strict"),  
    1888     storage_options=self.options.get("storage_options", None),  
    1889 )  
    1890 assert self.handles is not None  
    1891 f = self.handles.handle  
  
File ~\anaconda3\Lib\site-packages\pandas\io\common.py:873, in get_handle(path_or_bu
```

```
f, mode, encoding, compression, memory_map, is_text, errors, storage_options)
868 elif isinstance(handle, str):
869     # Check whether the filename is to be opened in binary mode.
870     # Binary mode does not support 'encoding' and 'newline'.
871     if ioargs.encoding and "b" not in ioargs.mode:
872         # Encoding
--> 873         handle = open(
874             handle,
875             ioargs.mode,
876             encoding=ioargs.encoding,
877             errors=errors,
878             newline="",
879         )
880     else:
881         # Binary mode
882         handle = open(handle, ioargs.mode)
```

FileNotFoundException: [Errno 2] No such file or directory: 'C:\\\\Users\\\\SK\\\\Downloads\\\\archive\\\\meesho Orders Aug.csv'

In [17]: `import os
os.listdir(r"C:\\Users\\SK\\Downloads")`

```
Out[17]: ['.ipynb_checkpoints',
'001 - PROJECT ZERO .pdf',
'002 - PROJECT ZERO - Expenses.pdf',
'Anaconda3-2025.06-0-Windows-x86_64.exe',
'answerscript.pdf',
'AnyDesk.exe',
'archive',
'archive.zip',
'B HARSHA.pdf',
'CertificateOfCompletion_Digital Marketing Foundations.pdf',
'ChromeSetup.exe',
'cluely-setup.exe',
'compliancedocumentcollectionselectioninfosys.zip',
'debug.log',
'desktop.ini',
'Employee_Data_Practice.xlsx',
'EXCEL ASSIGNMENT.pdf',
'Financial Sample.xlsx',
'INVENTATEQ_INSTITUTION_EDITED.docx',
'Jain Online Protoring Tool_prod (1).exe',
'Jain Online Protoring Tool_prod.exe',
'LockDownBrowserOEMSetup.exe',
'Mandatory Details.xlsx',
'myphoto',
'npp.8.8.5.Installer.x64.exe',
'Parts_of_a_Plant_Demo_Class_With_Diagram.docx',
'PBIDesktopSetup_x64.exe',
'project (1) (1).ipynb',
'project (1).ipynb',
'project.ipynb',
'python-manager-25.0.msix',
'PythonAssignment.ipynb',
'python_exercises_with_answers.pdf',
'Python_File_Handling_Project.docx',
'Python_File_Handling_Project_Report_Filled.docx',
'Python_File_Handling_Project_Report_FINAL.docx',
'Python_File_Handling_Project_Report_FINAL_CORRECTED.docx',
'Python_File_Handling_Project_Report_FINAL_CORRECTED.pdf',
'Python_File_Handling_Project_Report_inventateq.docx',
'Python_File_Handling_Project_Report_inventateq.pdf',
'Python_File_Handling_Report.pdf',
'sinchana',
'sinchana-s....pdf',
'SINCHANA_Resume01.pdf',
'States_of_Matter_Demo_Class.docx',
'TableauDesktop-64bit-2025-3-0.exe',
'Untitled.ipynb',
'WhatsApp Installer.exe',
'[English]1 - DV360 Tutorial - DV360 VS Google Ads - Programmatic Advertising[Checksub.com].txt',
'[English]2 - DV360 Tutorial - Platform & UI walk-through - Programmatic Advertising[Checksub.com].txt']
```

```
In [18]: os.listdir(r"C:\Users\SK\Downloads\archive")
```

```
Out[18]: ['meesho ForwardReports.csv', 'meesho Orders Aug.csv']
```

```
In [19]: import numpy as np
import pandas as pd

df = pd.read_csv(r"C:\Users\SK\Downloads\archive\meesho Orders Aug.csv")
df
```

Out[19]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Q
0	DELIVERED	406826346276_1	2022-08-01	Rajasthan	FIVESTAR Georgette Lehenga Choli with Inner C...	6326	Semi Stitched	
1	CANCELLED	216649987717_1	2022-08-02	Andhra Pradesh	Beautiful pure lakhnovi long kurta embroidery ...	Kb 201	XXL	
2	DELIVERED	184970118893_1	2022-08-02	Karnataka	PARTY WEAR BEAUTIFUL LOOK FANCY EMBROIDERY AN...	hk 1446	Free Size	
3	RTO_COMPLETE	916538974169_1	2022-08-02	Assam	FIVESTAR Designer Suit On Havy Gorgette febric...	1101 black	Semi Stitched	
4	DELIVERED	528661643961_1	2022-08-02	West Bengal	stlish dress	mk -6114	XL	
...
203	RTO_COMPLETE	182637707929_1	2022-08-31	Jharkhand	Fancy look beautiful embroidery work kurti bot...	Hk 1454	XXL	
204	RTO_COMPLETE	765196624540_1	2022-08-31	Rajasthan	FIVESTAR Bridal Wedding Gorgette Lehengha with...	6320	Semi Stitched	
205	CANCELLED	694787246193_1	2022-08-31	Telangana	Stylish navratri wear lehnga choli	Dhk1121	Semi Stitched	
206	DELIVERED	653631357267_1	2022-08-31	Haryana	FIVESTAR Bridal Wedding Gorgette	6320	Semi Stitched	

Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Q
Lehenga with...							
207	CANCELLED	812064549286_1	2022-08-31	West Bengal	top & bottom set	akshar 1090	XXL

208 rows × 10 columns

In [20]: `#to show first five rows
df.head()`

Out[20]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Quant
0	DELIVERED	406826346276_1	2022-08-01	Rajasthan	FIVESTAR Georgette Lehenga Choli with Inner C...	6326	Semi Stitched	
Beautiful pure lakhnovi long kurta embroidery ...								
1	CANCELLED	216649987717_1	2022-08-02	Andhra Pradesh		Kb 201	XXL	
PARTY WEAR BEAUTIFUL LOOK FANCY EMBROIDERY AN...								
2	DELIVERED	184970118893_1	2022-08-02	Karnataka		hk 1446	Free Size	
FIVESTAR Designer Suit On Havy Gorgette febric...								
3	RTO_COMPLETE	916538974169_1	2022-08-02	Assam		1101 black	Semi Stitched	
4	DELIVERED	528661643961_1	2022-08-02	West Bengal	stlish dress	-mk -6114	XL	



In [21]: `df.tail()`

Out[21]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Qu
203	RTO_COMPLETE	182637707929_1	2022-08-31	Jharkhand	Fancy look beautiful embroidery work kurti bot...	Hk 1454	XXL	
204	RTO_COMPLETE	765196624540_1	2022-08-31	Rajasthan	FIVESTAR Bridal Wedding Gorgette Lehengha with...	6320	Semi Stitched	
205	CANCELLED	694787246193_1	2022-08-31	Telangana	Stylish navratri wear lehenga choli	Dhk1121	Semi Stitched	
206	DELIVERED	653631357267_1	2022-08-31	Haryana	FIVESTAR Bridal Wedding Gorgette Lehengha with...	6320	Semi Stitched	
207	CANCELLED	812064549286_1	2022-08-31	West Bengal	top & bottom set	akshar 1090	XXL	



In [23]: `df.shape #to know the shape of the data set`

Out[23]: (208, 10)

In [24]: `df.info()`

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 208 entries, 0 to 207
Data columns (total 10 columns):
 #   Column           Non-Null Count  Dtype  
--- 
 0   Reason for Credit Entry    208 non-null   object  
 1   Sub Order No              208 non-null   object  
 2   Order Date                208 non-null   object  
 3   Customer State            208 non-null   object  
 4   Product Name              208 non-null   object  
 5   SKU                        208 non-null   object  
 6   Size                       208 non-null   object  
 7   Quantity                  208 non-null   int64  
 8   Supplier Listed Price (Incl. GST + Commission) 208 non-null   float64 
 9   Supplier Discounted Price (Incl GST and Commision) 208 non-null   float64 
dtypes: float64(2), int64(1), object(7)
memory usage: 16.4+ KB
```

```
In [25]: df.columns
```

```
Out[25]: Index(['Reason for Credit Entry', 'Sub Order No', 'Order Date',
       'Customer State', 'Product Name', 'SKU', 'Size', 'Quantity',
       'Supplier Listed Price (Incl. GST + Commission)',
       'Supplier Discounted Price (Incl GST and Commision)'],
      dtype='object')
```

```
In [26]: df.describe()
```

	Quantity	Supplier Listed Price (Incl. GST + Commission)	Supplier Discounted Price (Incl GST and Commision)
count	208.000000	208.000000	208.000000
mean	1.038462	1300.485577	1298.504808
std	0.391284	415.112440	414.579421
min	1.000000	300.000000	300.000000
25%	1.000000	1350.000000	1344.000000
50%	1.000000	1359.000000	1350.000000
75%	1.000000	1400.000000	1400.000000
max	5.000000	2299.000000	2299.000000

```
In [28]: df.fillna(0, inplace=True)
df
```

Out[28]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Q
0	DELIVERED	406826346276_1	2022-08-01	Rajasthan	FIVESTAR Georgette Lehenga Choli with Inner C...	6326	Semi Stitched	
1	CANCELLED	216649987717_1	2022-08-02	Andhra Pradesh	Beautiful pure lakhnovi long kurta embroidery ...	Kb 201	XXL	
2	DELIVERED	184970118893_1	2022-08-02	Karnataka	PARTY WEAR BEAUTIFUL LOOK FANCY EMBROIDERY AN...	hk 1446	Free Size	
3	RTO_COMPLETE	916538974169_1	2022-08-02	Assam	FIVESTAR Designer Suit On Havy Gorgette febric...	1101 black	Semi Stitched	
4	DELIVERED	528661643961_1	2022-08-02	West Bengal	stlish dress	mk -6114	XL	
...
203	RTO_COMPLETE	182637707929_1	2022-08-31	Jharkhand	Fancy look beautiful embroidery work kurti bot...	Hk 1454	XXL	
204	RTO_COMPLETE	765196624540_1	2022-08-31	Rajasthan	FIVESTAR Bridal Wedding Gorgette Lehengha with...	6320	Semi Stitched	
205	CANCELLED	694787246193_1	2022-08-31	Telangana	Stylish navratri wear lehnga choli	Dhk1121	Semi Stitched	
206	DELIVERED	653631357267_1	2022-08-31	Haryana	FIVESTAR Bridal Wedding Gorgette	6320	Semi Stitched	

Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	Q
Lehengha with...							
207	CANCELLED	812064549286_1	2022-08-31	West Bengal	top & bottom set	akshar 1090	XXL

208 rows × 10 columns

In [30]: `df.iloc[0:10]`

Out[30]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	QI
0	DELIVERED	406826346276_1	2022-08-01	Rajasthan	FIVESTAR Georgette Lehenga Choli with Inner C...	6326	Semi Stitched	
1	CANCELLED	216649987717_1	2022-08-02	Andhra Pradesh	Beautiful pure lakhnovi long kurta embroidery ...	Kb 201	XXL	
2	DELIVERED	184970118893_1	2022-08-02	Karnataka	PARTY WEAR BEAUTIFUL LOOK FANCY EMBROIDERY AN...	hk 1446	Free Size	
3	RTO_COMPLETE	916538974169_1	2022-08-02	Assam	FIVESTAR Designer Suit On Havy Georgette febric...	1101 black	Semi Stitched	
4	DELIVERED	528661643961_1	2022-08-02	West Bengal	stlish dress	mk -6114	XL	
5	RTO_COMPLETE	261363877240_1	2022-08-02	Uttar Pradesh	Heavy faux georgette with embroidery work with...	Ad 009 a	XXL	
6	CANCELLED	125088357756_1	2022-08-02	Madhya Pradesh	PARTY WEAR LOOK HEAVY EMBROIDERY AND 5mm SEQU...	Hk1408b	Free Size	
7	CANCELLED	223981111637_1	2022-08-03	Jharkhand	stylish shirt	546149913	XXL	
8	CANCELLED	760155806750_1	2022-08-03	Telangana	Fancy three layer one piece	123	S	
9	RTO_COMPLETE	183404359462_1	2022-08-03	Bihar	top & bottom set	akshar 1090	M	



```
In [31]: df.loc[0:10]
```

Out[31]:

	Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size
0	DELIVERED	406826346276_1	2022-08-01	Rajasthan	FIVESTAR Georgette Lehenga Choli with Inner C...	6326	Semi Stitched
1	CANCELLED	216649987717_1	2022-08-02	Andhra Pradesh	Beautiful pure lakhnovi long kurta embroidery ...	Kb 201	XXL
2	DELIVERED	184970118893_1	2022-08-02	Karnataka	PARTY WEAR BEAUTIFUL LOOK FANCY EMBROIDERY AN...	hk 1446	Free Size
3	RTO_COMPLETE	916538974169_1	2022-08-02	Assam	FIVESTAR Designer Suit On Havy Georgette febric...	1101 black	Semi Stitched
4	DELIVERED	528661643961_1	2022-08-02	West Bengal	stlish dress	mk -6114	XL
5	RTO_COMPLETE	261363877240_1	2022-08-02	Uttar Pradesh	Heavy faux georgette with embroidery work with...	Ad 009 a	XXL
6	CANCELLED	125088357756_1	2022-08-02	Madhya Pradesh	PARTY WEAR LOOK HEAVY EMBROIDERY AND 5mm SEQU...	Hk1408b	Free Size
7	CANCELLED	223981111637_1	2022-08-03	Jharkhand	stylish shirt	546149913	XXL
8	CANCELLED	760155806750_1	2022-08-03	Telangana	Fancy three layer one piece	123	S
9	RTO_COMPLETE	183404359462_1	2022-08-03	Bihar	top & bottom set	akshar 1090	M
10	DELIVERED	322259568161_1	2022-08-03	Telangana	PARTY WEAR LOOK HEAVY	hk 1408	Free Size

Reason for Credit Entry	Sub Order No	Order Date	Customer State	Product Name	SKU	Size	C
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EMBROIDERY
AND 5mm
SEQU...

In []: