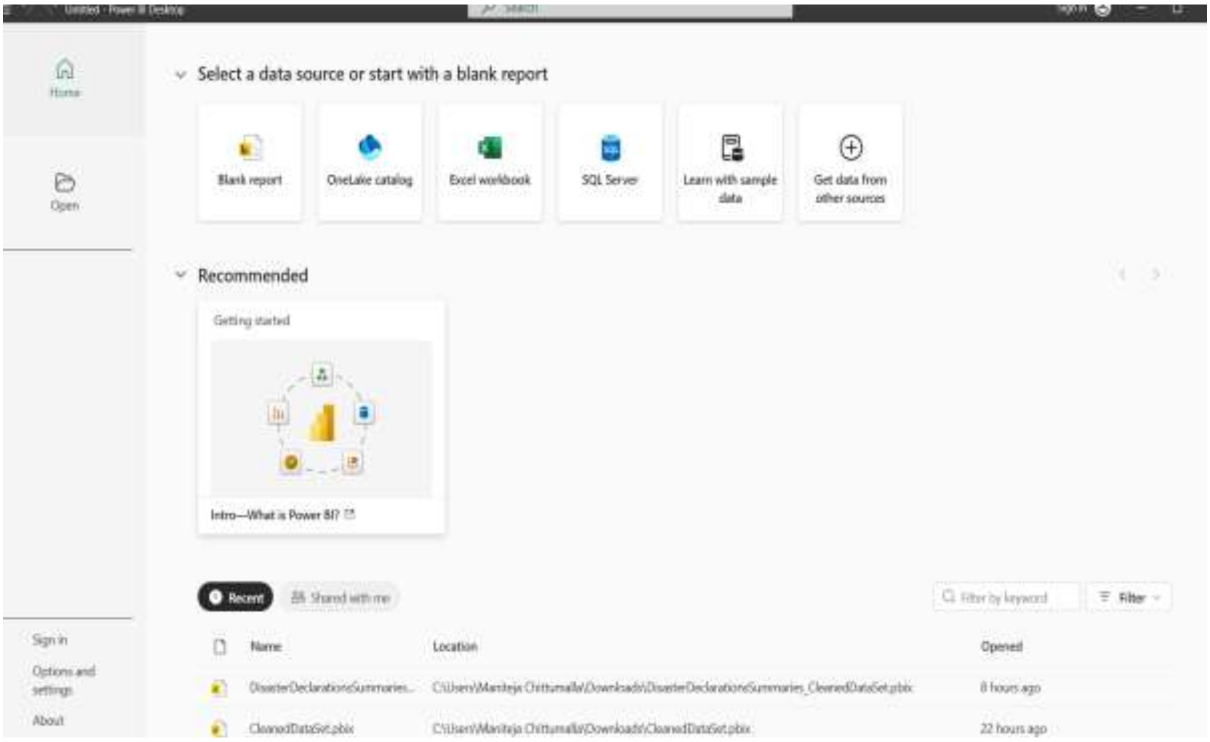
ScreenShots Of The Project



Name	Location	Opened
DisasterDeclarationsSummaries...	C:\Users\Maniteja Chittumalla\Downloads\DisasterDeclarationsSummaries_CleanedDataSet.pbix	8 hours ago
CleanedDataSet.pbix	C:\Users\Maniteja Chittumalla\Downloads\CleanedDataSet.pbix	22 hours ago

Figure 1 : PowerBI Desktop-Home Screen

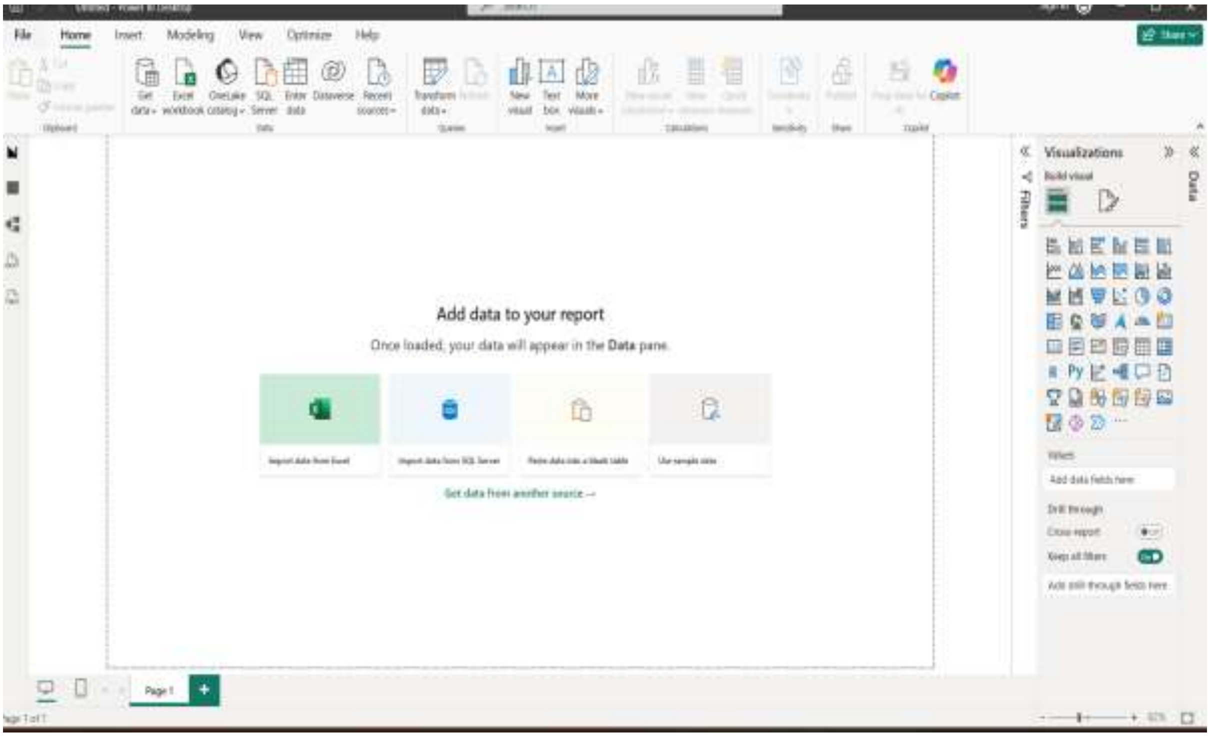
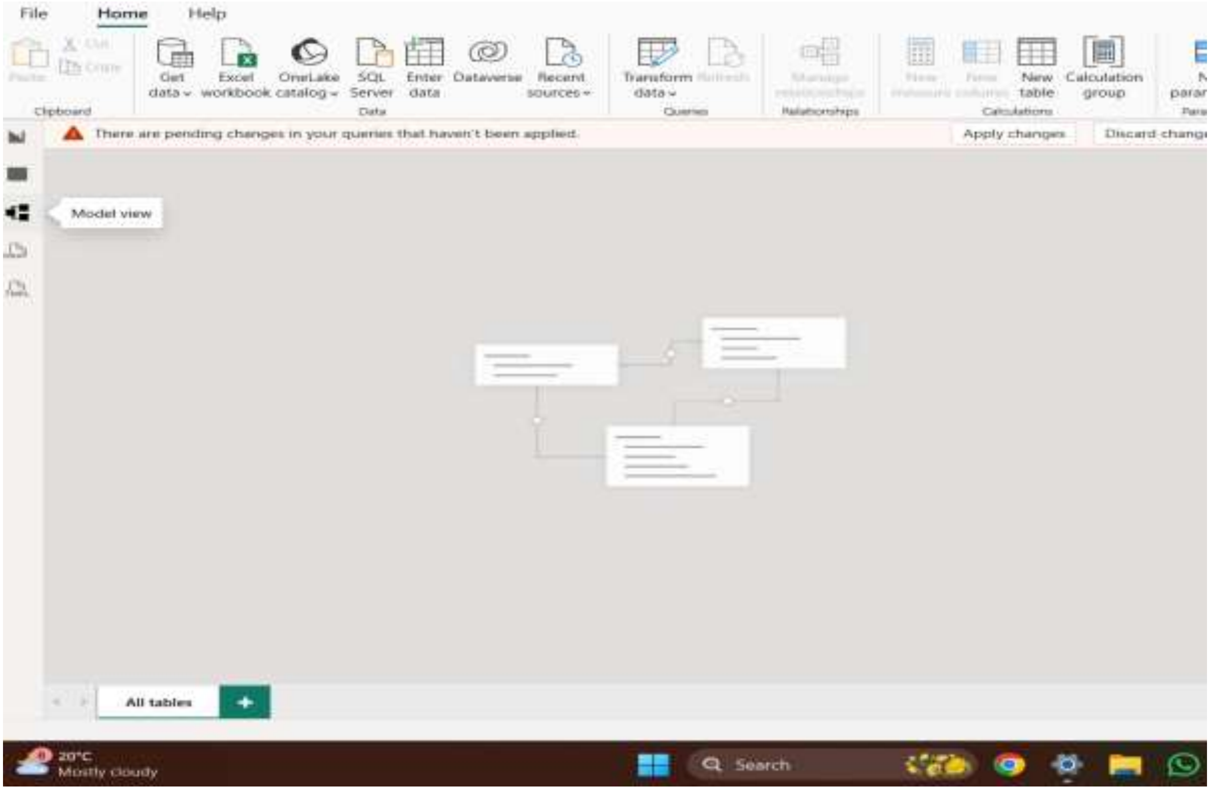
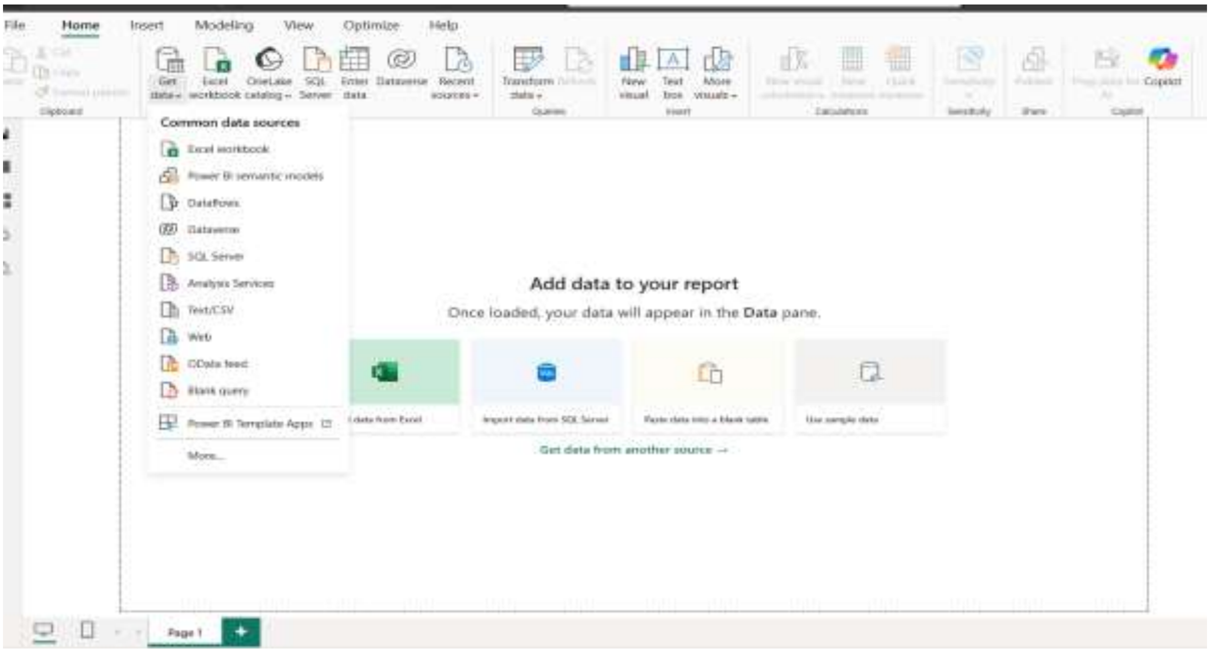


Figure 2: Report View



There are pending changes in your queries that haven't been applied.

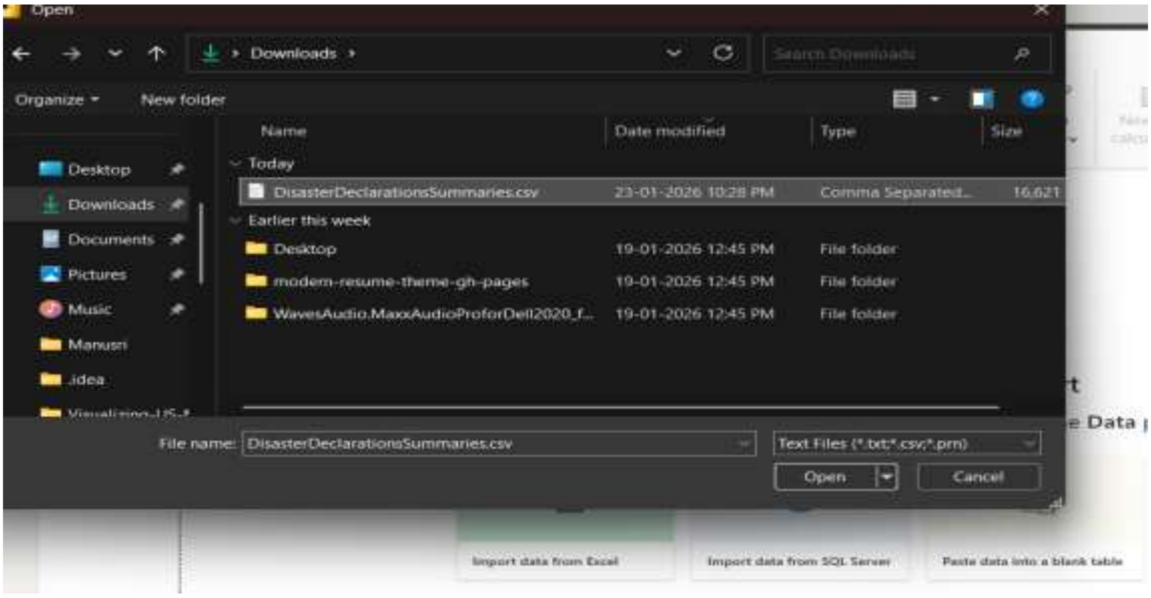
Figure 3: Model View



Add data to your report

Once loaded, your data will appear in the **Data** pane.

Figure 4: Power BI Desktop – Select Data Source Window



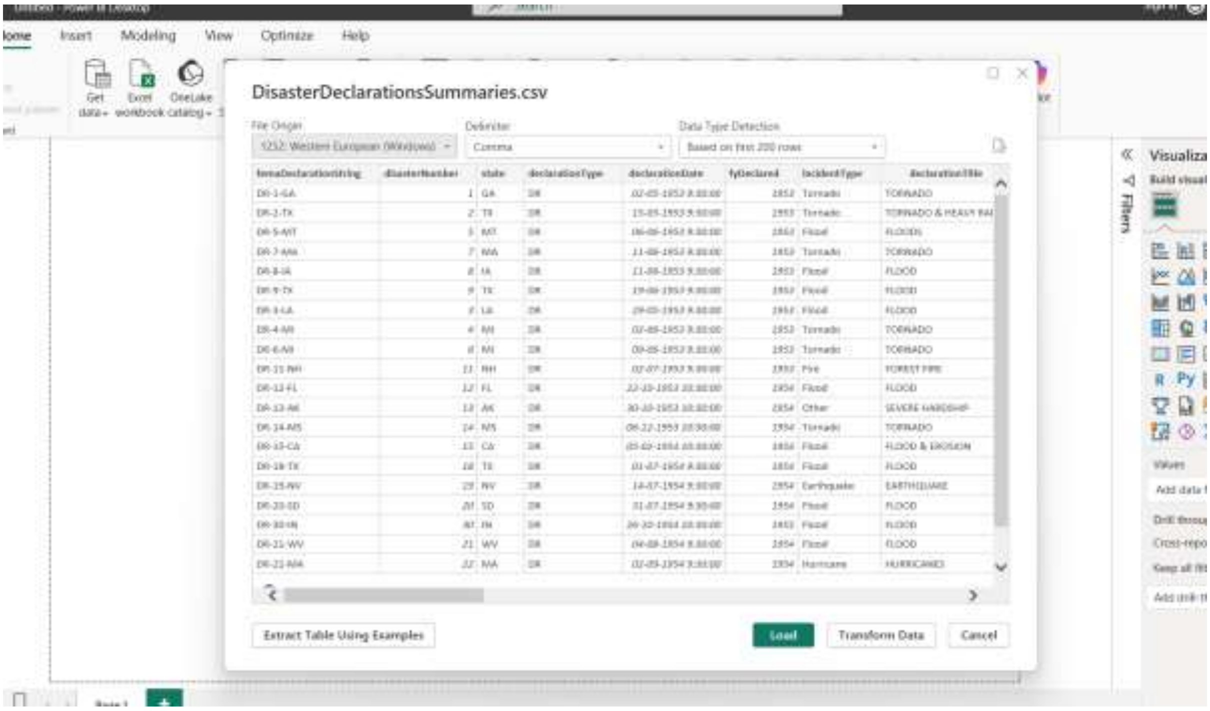
Name	Date modified	Type	Size
Today			
DisasterDeclarationsSummaries.csv	23-01-2026 10:28 PM	Comma Separated...	16,621
Earlier this week			
Desktop	19-01-2026 12:45 PM	File folder	
modern-resume-theme-gh-pages	19-01-2026 12:45 PM	File folder	
WavesAudio.MaxxAudioProforDell2020_f...	19-01-2026 12:45 PM	File folder	

File name: DisasterDeclarationsSummaries.csv

Text Files (*.txt;*.csv;*.prn)

Open | Cancel

Figure 5 : Import the DataSet



DisasterDeclarationsSummaries.csv

File Origin: 1252: Western European (Windows)

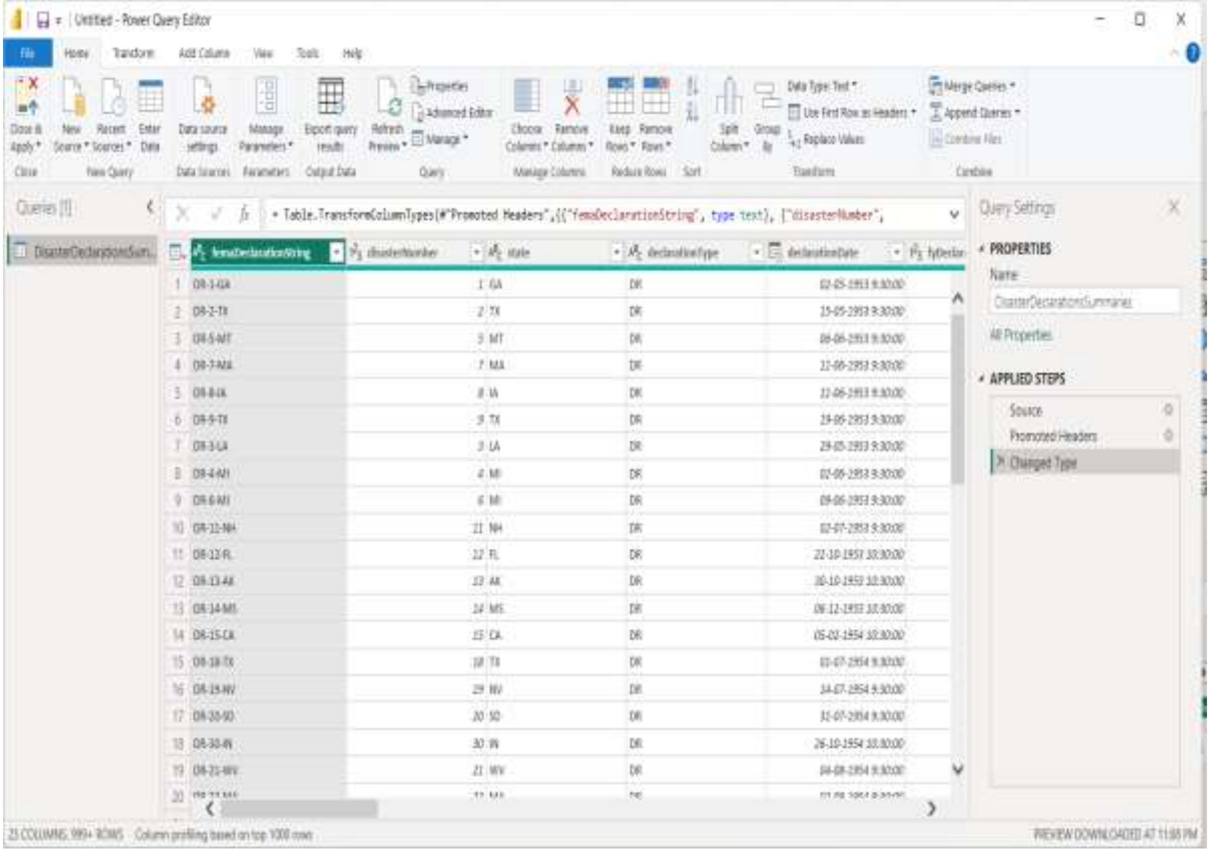
Delimiter: Comma

Data Type Detection: Based on first 200 rows

femaDeclarationString	disasterNumber	state	declarationType	declarationDate	fyDeclared	incidentType	declarationTitle
DR-1-GA	1	GA	DR	02-05-1953 5:30:00	1953	Tornado	TORNADO
DR-2-TX	2	TX	DR	15-05-1953 5:30:00	1953	Tornado	TORNADO & HEAVY RAI
DR-5-MT	5	MT	DR	06-06-1953 5:30:00	1953	Flood	FLOODS
DR-7-MA	7	MA	DR	11-06-1953 5:30:00	1953	Tornado	TORNADO
DR-8-IA	8	IA	DR	11-06-1953 5:30:00	1953	Flood	FLOOD
DR-9-TX	9	TX	DR	19-06-1953 5:30:00	1953	Flood	FLOOD
DR-3-LA	3	LA	DR	29-05-1953 5:30:00	1953	Flood	FLOOD
DR-4-MI	4	MI	DR	02-06-1953 5:30:00	1953	Tornado	TORNADO
DR-6-MI	6	MI	DR	09-06-1953 5:30:00	1953	Tornado	TORNADO
DR-11-NH	11	NH	DR	02-07-1953 5:30:00	1953	Fire	FOREST FIRE
DR-12-FL	12	FL	DR	22-10-1953 10:30:00	1954	Flood	FLOOD
DR-13-AK	13	AK	DR	30-10-1953 10:30:00	1954	Other	SEVERE HARDSHIP
DR-14-MS	14	MS	DR	08-12-1953 10:30:00	1954	Tornado	TORNADO
DR-15-CA	15	CA	DR	05-02-1954 10:30:00	1954	Flood	FLOOD & EROSION
DR-18-TX	18	TX	DR	01-07-1954 5:30:00	1954	Flood	FLOOD
DR-25-NV	25	NV	DR	14-07-1954 5:30:00	1954	Earthquake	EARTHQUAKE
DR-20-SD	20	SD	DR	31-07-1954 5:30:00	1954	Flood	FLOOD
DR-30-IN	30	IN	DR	26-10-1954 10:30:00	1955	Flood	FLOOD
DR-21-WV	21	WV	DR	04-08-1954 5:30:00	1954	Flood	FLOOD
DR-22-MA	22	MA	DR	02-09-1954 5:30:00	1954	Hurricane	HURRICANES

Extract Table Using Examples | Load | Transform Data | Cancel

Figure 6: Importing Dataset for Transformations



```
= Table.TransformColumnTypes(#"Promoted Headers",{{"femaDeclarationString", type text}, {"disasterNumber",
```

	femaDeclarationString	disasterNumber	state	declarationType	declarationDate
1	DR-1-GA	1	GA	DR	02-05-1953 9:30:00
2	DR-2-TX	2	TX	DR	15-05-1953 9:30:00
3	DR-5-MT	5	MT	DR	06-06-1953 9:30:00
4	DR-7-MA	7	MA	DR	11-06-1953 9:30:00
5	DR-8-IA	8	IA	DR	11-06-1953 9:30:00
6	DR-9-TX	9	TX	DR	19-06-1953 9:30:00
7	DR-3-LA	3	LA	DR	29-05-1953 9:30:00
8	DR-4-MI	4	MI	DR	02-06-1953 9:30:00
9	DR-6-MI	6	MI	DR	09-06-1953 9:30:00
10	DR-11-NH	11	NH	DR	02-07-1953 9:30:00
11	DR-12-FL	12	FL	DR	22-10-1953 10:30:00
12	DR-13-AK	13	AK	DR	30-10-1953 10:30:00
13	DR-14-MS	14	MS	DR	06-12-1953 10:30:00
14	DR-15-CA	15	CA	DR	05-02-1954 10:30:00
15	DR-18-TX	18	TX	DR	01-07-1954 9:30:00
16	DR-19-NV	19	NV	DR	14-07-1954 9:30:00
17	DR-20-SD	20	SD	DR	31-07-1954 9:30:00
18	DR-30-IN	30	IN	DR	26-10-1954 10:30:00
19	DR-21-WV	21	WV	DR	04-08-1954 9:30:00
20	DR-22-MA	22	MA	DR	[illegible]

PROPERTIES

Name

DisasterDeclarationsSummaries

All Properties

APPLIED STEPS

Source

Promoted Headers

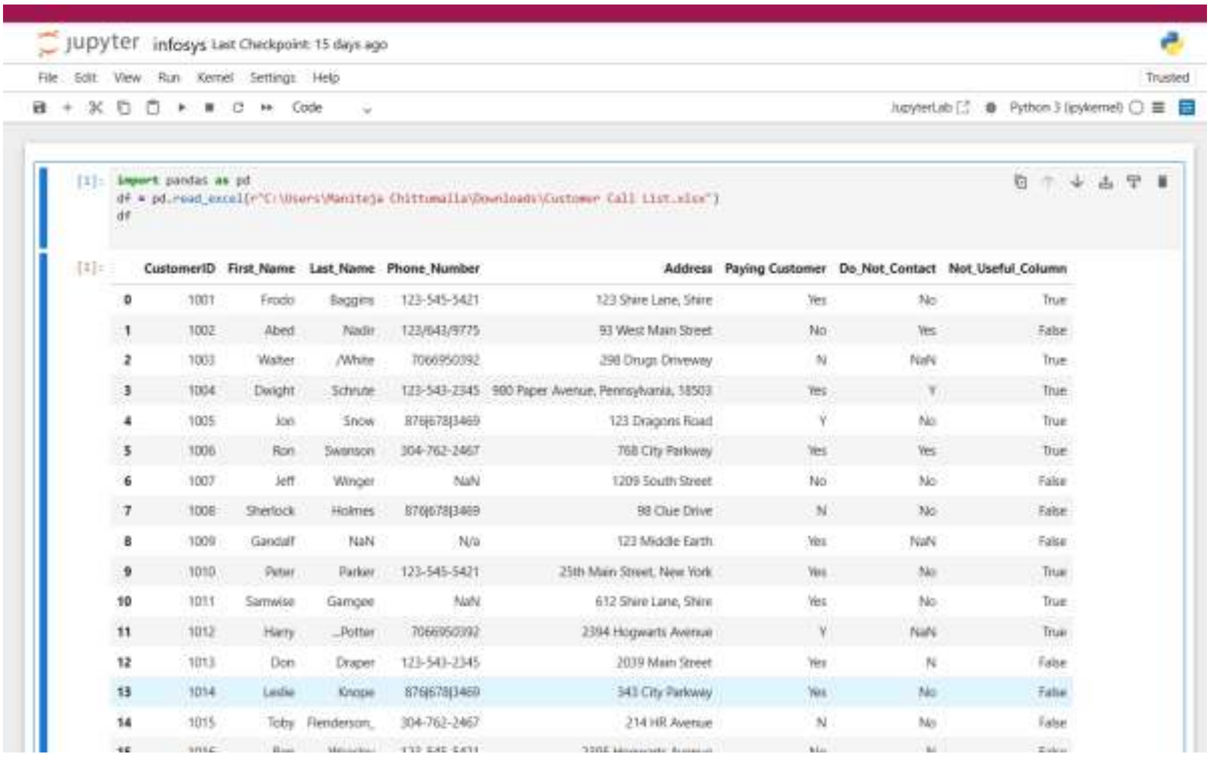
Changed Type

23 COLUMNS, 999+ ROWS   Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 11:08 PM

Figure 7: Power Query Editor

Data Cleaning Using PYTHON (JUPTER NOTEBOOK)

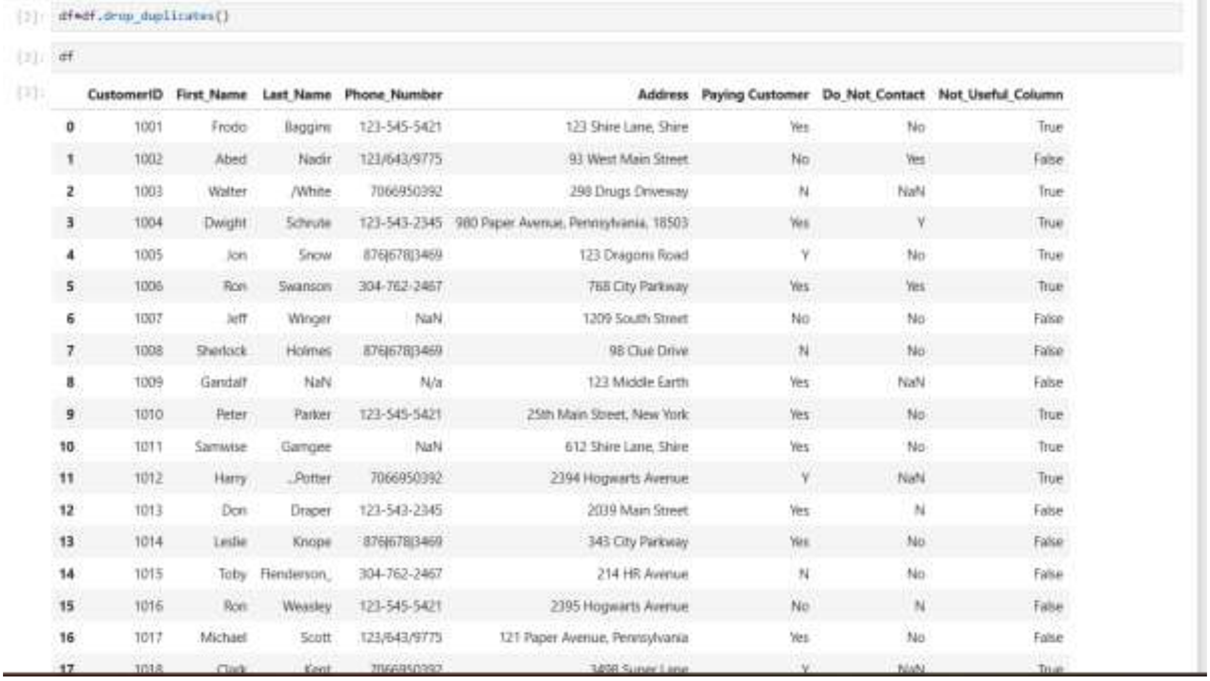

jupyter infosys Last Checkpoint: 15 days ago
File Edit View Run Kernel Settings Help
Trusted
Code
JupyterLab
Python 3 (ipykernel)

```
[1]: import pandas as pd
     df = pd.read_excel(r"C:\Users\Maniteja Chittumalla\Downloads\Customer Call List.xlsx")
     df
```

[1]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_Column
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No	True
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes	False
2	1003	Walter	/White	7066950392	298 Drugs Driveway	N	NaN	True
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y	True
4	1005	Jon	Snow	876|678|3469	123 Dragons Road	Y	No	True
5	1006	Ron	Swanson	304-762-2467	768 City Parkway	Yes	Yes	True
6	1007	Jeff	Winger	NaN	1209 South Street	No	No	False
7	1008	Sherlock	Holmes	876|678|3469	98 Clue Drive	N	No	False
8	1009	Gandalf	NaN	N/a	123 Middle Earth	Yes	NaN	False
9	1010	Peter	Parker	123-545-5421	25th Main Street, New York	Yes	No	True
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Yes	No	True
11	1012	Harry	_Potter	7066950392	2394 Hogwarts Avenue	Y	NaN	True
12	1013	Don	Draper	123-543-2345	2039 Main Street	Yes	N	False
13	1014	Leslie	Knope	876|678|3469	343 City Parkway	Yes	No	False
14	1015	Toby	Flenderson_	304-762-2467	214 HR Avenue	N	No	False
15	1016	Ron	Weasley	123-545-5421	2395 Hogwarts Avenue	No	N	False

Figure 1: Importing our Dataset

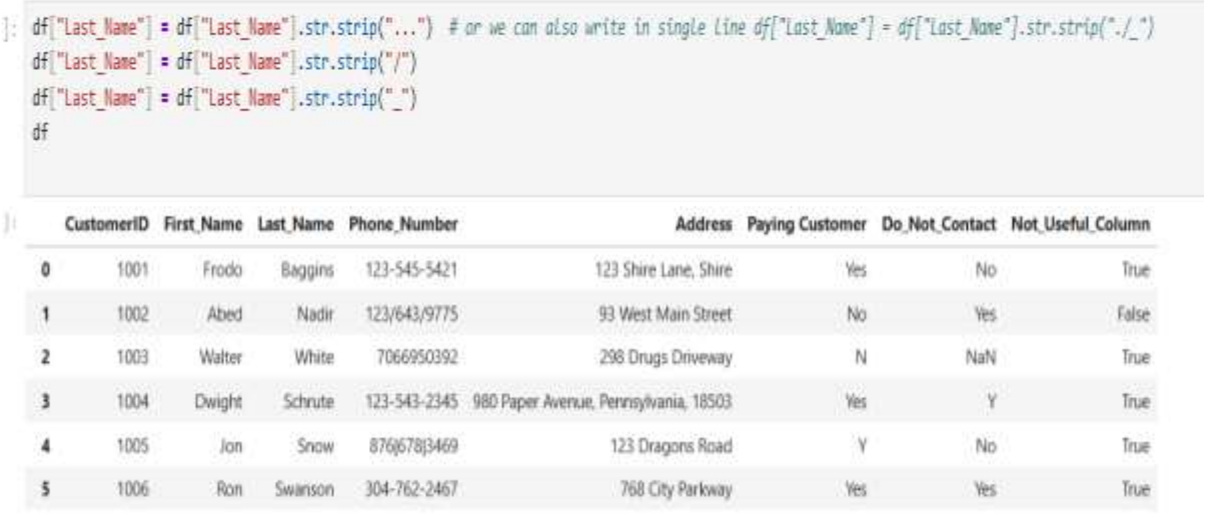


```
[2]: df=df.drop_duplicates()
[3]: df
```

[3]:

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_Column
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No	True
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes	False
2	1003	Walter	/White	7066950392	298 Drugs Driveway	N	NaN	True
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y	True
4	1005	Jon	Snow	876|678|3469	123 Dragons Road	Y	No	True
5	1006	Ron	Swanson	304-762-2467	768 City Parkway	Yes	Yes	True
6	1007	Jeff	Winger	NaN	1209 South Street	No	No	False
7	1008	Sherlock	Holmes	876|678|3469	98 Clue Drive	N	No	False
8	1009	Gandalf	NaN	N/a	123 Middle Earth	Yes	NaN	False
9	1010	Peter	Parker	123-545-5421	25th Main Street, New York	Yes	No	True
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Yes	No	True
11	1012	Harry	_Potter	7066950392	2394 Hogwarts Avenue	Y	NaN	True
12	1013	Don	Draper	123-543-2345	2039 Main Street	Yes	N	False
13	1014	Leslie	Knope	876|678|3469	343 City Parkway	Yes	No	False
14	1015	Toby	Flenderson_	304-762-2467	214 HR Avenue	N	No	False
15	1016	Ron	Weasley	123-545-5421	2395 Hogwarts Avenue	No	N	False
16	1017	Michael	Scott	123/643/9775	121 Paper Avenue, Pennsylvania	Yes	No	False
17	1018	Clark	Kent	7066950392	3498 Super Lane	Y	NaN	True

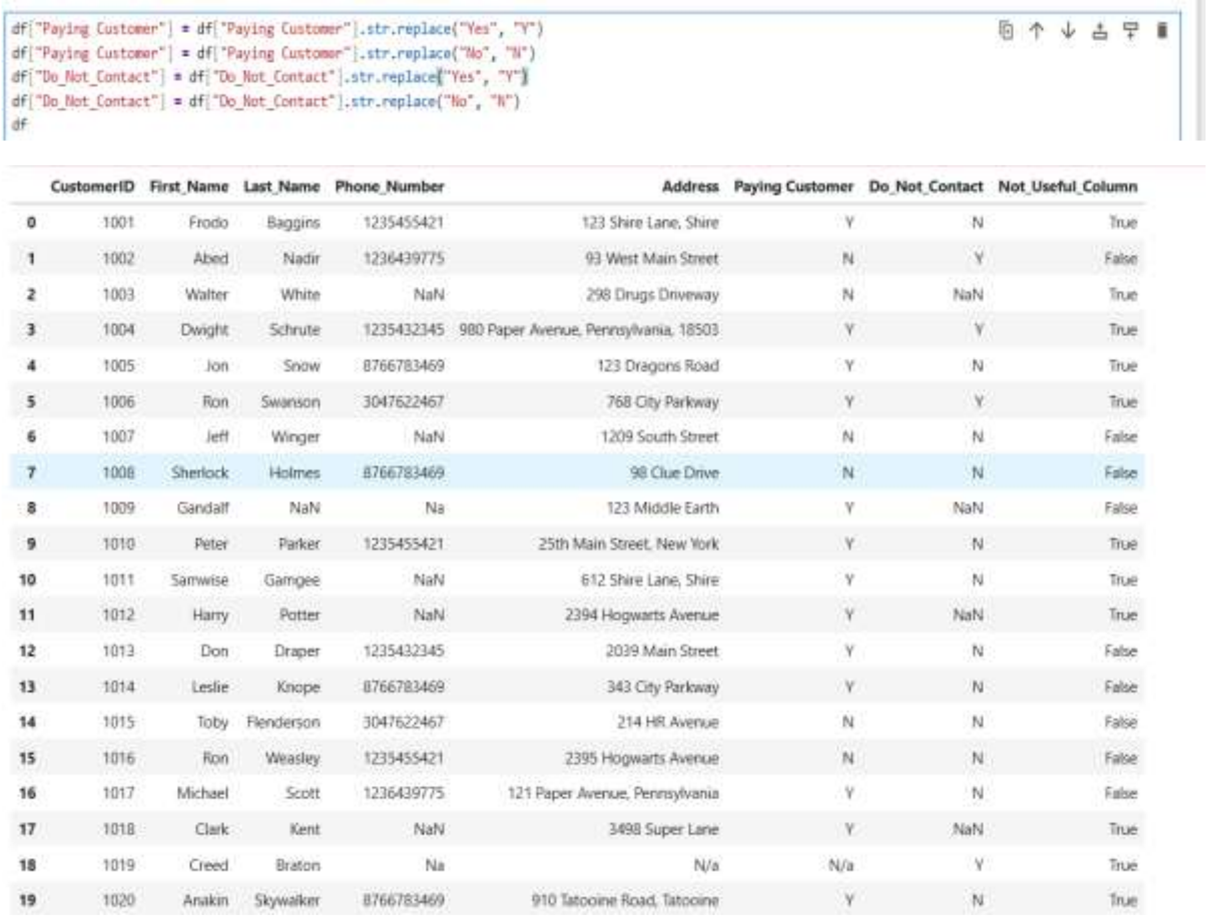
Figure 2: Removing Duplicates



```
df["Last_Name"] = df["Last_Name"].str.strip("...")  # or we can also write in single line df["Last_Name"] = df["Last_Name"].str.strip("./_")
df["Last_Name"] = df["Last_Name"].str.strip("/")
df["Last_Name"] = df["Last_Name"].str.strip("_")
df
```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_Column
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No	True
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes	False
2	1003	Walter	White	7066950392	298 Drugs Driveway	N	NaN	True
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y	True
4	1005	Jon	Snow	876|678|3469	123 Dragons Road	Y	No	True
5	1006	Ron	Swanson	304-762-2467	768 City Parkway	Yes	Yes	True

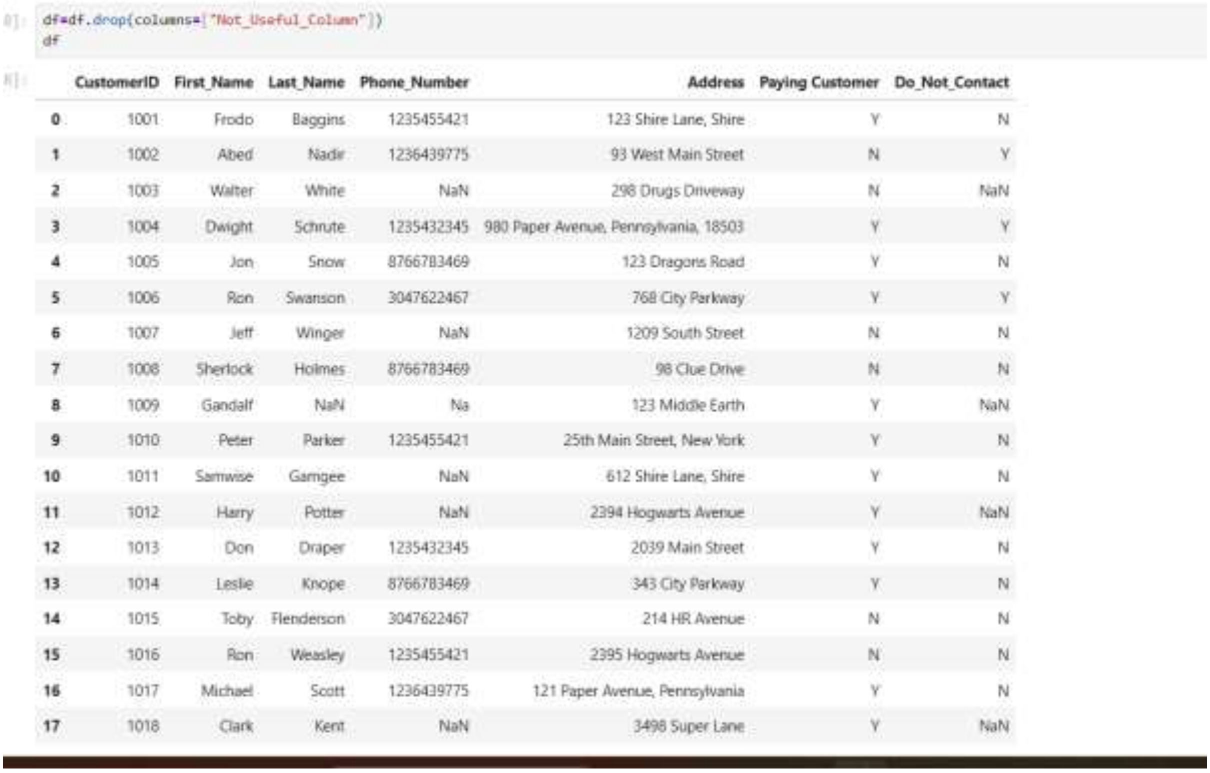
Figure 3: Strip Function



```
df["Paying Customer"] = df["Paying Customer"].str.replace("Yes", "Y")
df["Paying Customer"] = df["Paying Customer"].str.replace("No", "N")
df["Do_Not_Contact"] = df["Do_Not_Contact"].str.replace("Yes", "Y")
df["Do_Not_Contact"] = df["Do_Not_Contact"].str.replace("No", "N")
df
```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Not_Useful_Column
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N	True
1	1002	Abed	Nadir	1236439775	93 West Main Street	N	Y	False
2	1003	Walter	White	NaN	298 Drugs Driveway	N	NaN	True
3	1004	Dwight	Schrute	1235432345	980 Paper Avenue, Pennsylvania, 18503	Y	Y	True
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N	True
5	1006	Ron	Swanson	3047622467	768 City Parkway	Y	Y	True
6	1007	Jeff	Winger	NaN	1209 South Street	N	N	False
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	False
8	1009	Gandalf	NaN	Na	123 Middle Earth	Y	NaN	False
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N	True
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Y	N	True
11	1012	Harry	Potter	NaN	2394 Hogwarts Avenue	Y	NaN	True
12	1013	Don	Draper	1235432345	2039 Main Street	Y	N	False
13	1014	Leslie	Knope	8766783469	343 City Parkway	Y	N	False
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	False
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	False
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Y	N	False
17	1018	Clark	Kent	NaN	3498 Super Lane	Y	NaN	True
18	1019	Creed	Braton	Na	N/a	N/a	Y	True
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	True

Figure 4: Replace Function



```
df=df.drop(columns=["Not_Useful_Column"])
df
```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N
1	1002	Abed	Nadir	1236439775	93 West Main Street	N	Y
2	1003	Walter	White	NaN	298 Drugs Driveway	N	NaN
3	1004	Dwight	Schrute	1235432345	980 Paper Avenue, Pennsylvania, 18503	Y	Y
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N
5	1006	Ron	Swanson	3047622467	768 City Parkway	Y	Y
6	1007	Jeff	Winger	NaN	1209 South Street	N	N
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N
8	1009	Gandalf	NaN	Na	123 Middle Earth	Y	NaN
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Y	N
11	1012	Harry	Potter	NaN	2394 Hogwarts Avenue	Y	NaN
12	1013	Don	Draper	1235432345	2039 Main Street	Y	N
13	1014	Leslie	Knope	8766783469	343 City Parkway	Y	N
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Y	N
17	1018	Clark	Kent	NaN	3498 Super Lane	Y	NaN

Figure 5: Removing The Unwanted Columns