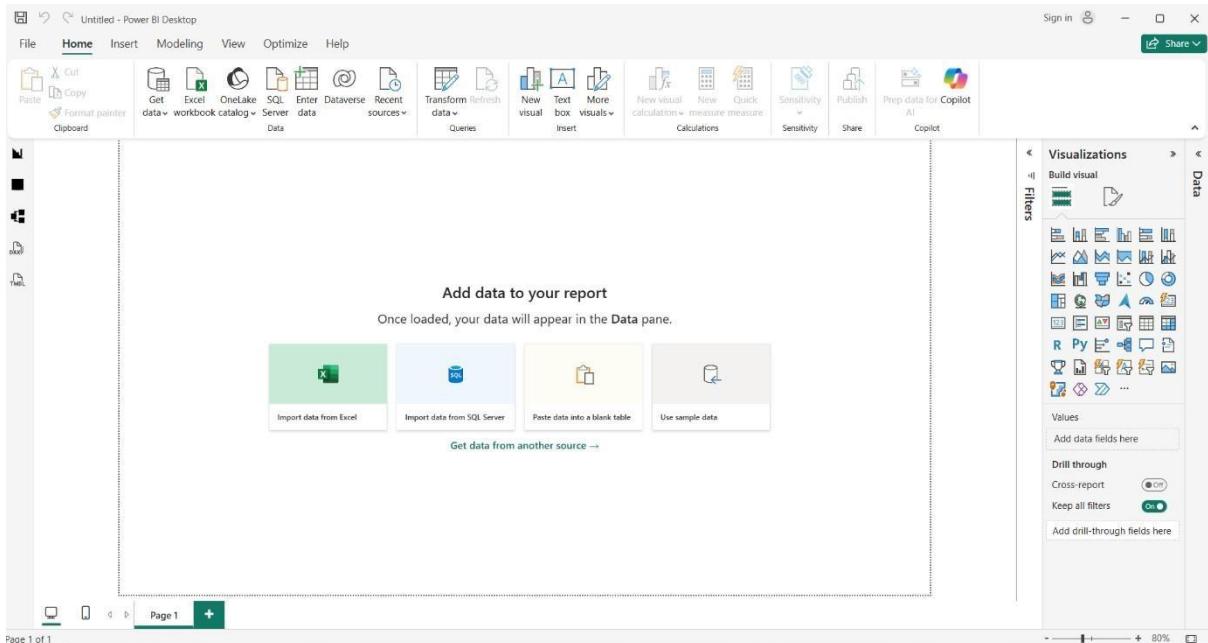


DATA CLEANING IN POWER BI [POWER QUERY]



1. Power Bi Dashboard

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
disasterNumber	declarationDate	disasterName	incidentBeginDate	incidentEndDate	declarationStateCode	stateName	incidentType	entryDate	updateDate	closeoutDate	region	ihProgram	iaProgram	paProgram	hmProgram	designateddec		
5243	2018-06-22T00:00:00.000Z	GRAHAM FIRE	2018-06-2	2018-06-2	Fire Manaj OR	Oregon	Fire	2018-06-2	2025-03-1	2025-03-1	10	0	0	1	1	201		
5554	2025-03-07T00:00:00.000Z	COVINGTON DRIVE FIRE	2025-03-01	2025-03-01	Fire Manaj SC	South Carr Fire	2025-03-1	2025-03-10T00:00:00		4	0	0	1	1 R		202		
4859	2025-01-15T00:00:00.000Z	SEVERE STORM AND FLOODING	2024-10-2	2024-10-2	Major Dis	AK	Severe Sto	2025-01-1	2025-01-16T00:00:00		10	0	0	1	1 S,W		202	
4856	2025-01-08T00:00:00.000Z	WILDFIRES AND STRAIGHT-LINE WINDS	2025-01-0	2025-01-3	Major Dis	CA	California	Fire	2025-01-0	2025-02-18T00:00:00		9	1	0	1	1 2,R		202
5551	2025-01-08T00:00:00.000Z	HURST FIRE	2025-01-07T00:00:00	Fire Manaj CA	California	Fire	2025-01-0	2025-01-08T00:00:00		9	0	0	1	1 R		202		
5550	2025-01-08T00:00:00.000Z	EATON FIRE	2025-01-07T00:00:00	Fire Manaj CA	California	Fire	2025-01-0	2025-01-08T00:00:00		9	0	0	1	1 R		202		
5549	2025-01-07T00:00:00.000Z	PALISADES FIRE	2025-01-07T00:00:00	Fire Manaj CA	California	Fire	2025-01-0	2025-01-08T00:00:00		9	0	0	1	1 R		202		
4854	2025-01-01T00:00:00.000Z	WILDFIRES	2024-07-1	2024-08-2	Major Dis	OR	Oregon	Fire	2025-01-0	2025-01-02T00:00:00		10	0	0	1	1 R,W		202
53	1956-04-05T00:00:00.000Z	TORNADO	1956-04-0	1956-04-0	Major Dis	MI	Michigan	Tornado	1993-07-2	2001-09-0	1956-04-3	5	0	1	1		195	
52	1956-03-29T00:00:00.000Z	FLOOD	1956-03-2	1956-03-2	Major Dis	NY	New York	Flood	1993-07-2	2001-09-0	1957-03-0	2	0	1	1		195	
4852	2024-12-24T00:00:00.000Z	WILDFIRES AND STRAIGHT-LINE WINDS	2024-10-1	2024-10-0	Major Dis	ND	North Dak	Fire	2024-12-2	2024-12-25T00:00:00		8	0	0	1	1 2,R		202
5548	2024-12-10T00:00:00.000Z	FRANKLIN FIRE	2024-12-1	2024-12-1	Fire Manaj CA	California	Fire	2024-12-1	2025-02-07T00:00:00		9	0	0	1	1 R		202	
4851	2024-12-09T00:00:00.000Z	POST-TROPICAL STORM HELENE	2024-09-2	2024-09-2	Major Dis	WV	West Virgi	Tropical St	2024-12-0	2024-12-09T00:00:00		3	1	0	0	1	4 202	
4849	2024-11-26T00:00:00.000Z	WILDFIRES	2024-07-1	2024-08-2	Major Dis	WA	Washington	Fire	2024-11-2	2024-11-27T00:00:00		10	0	0	1	1 R		202
4847	2024-11-14T00:00:00.000Z	SEVERE STORM AND STRAIGHT-LINE WI	2024-08-0	2024-08-0	Major Dis	MT	Montana	Severe Sto	2024-11-1	2024-11-14T00:00:00		8	1	0	0	1 2,W		202
4846	2024-11-13T00:00:00.000Z	LANDSLIDES	2024-08-2	2024-08-2	Major Dis	AK	Alaska	Mud/Land	2024-11-1	2024-11-14T00:00:00		10	0	0	1	1 M		202
4845	2024-11-13T00:00:00.000Z	WILDFIRES	2024-08-2	2024-08-3	Major Dis	WY	Wyoming	Fire	2024-11-1	2024-11-14T00:00:00		8	0	0	1	1 R		202
5546	2024-11-11T00:00:00.000Z	CALLAHAN FIRE	2024-11-1	2024-11-1	Fire Manaj NV	Nevada	Fire	2024-11-1	2025-02-07T00:00:00		9	0	0	1	1 R		202	
5545	2024-11-06T00:00:00.000Z	MOUNTAIN FIRE	2024-11-0	2024-11-1	Fire Manaj CA	California	Fire	2024-11-1	2025-02-07T00:00:00		9	0	0	1	1 R		202	
4844	2024-11-05T00:00:00.000Z	HURRICANE MILTON	2024-10-0	2024-11-0	Major Dis	FL	Florida	Hurricane	2024-11-0	2024-11-20T00:00:00		4	1	0	1	1 H		202
4843	2024-11-01T00:00:00.000Z	SEVERE STORM AND FLOODING	2024-10-1	2024-10-2	Major Dis	NM	New Mexi	Flood	2024-11-0	2024-11-01T00:00:00		6	1	0	1	1 F		202
5544	2024-10-30T00:00:00.000Z	NORTH ROAD FIRE	2024-10-29T00:00:00	Fire Manaj OK	Oklahoma	Fire	2024-10-3	2024-10-30T00:00:00		6	0	0	1	1 R		202		
5543	2024-10-30T00:00:00.000Z	EUCHEE CREEK FIRE	2024-10-29T00:00:00	Fire Manaj OK	Oklahoma	Fire	2024-10-3	2024-10-30T00:00:00		6	0	0	1	1 R		202		
51	1956-03-15T00:00:00.000Z	FLOOD	1956-03-1	1956-03-1	Major Dis	PA	Pennsylv	Flood	1993-07-2	2001-09-0	1959-06-0	3	0	1	1		195	
4841	2024-10-25T00:00:00.000Z	TROPICAL STORM ERNESTO	2024-08-1	2024-08-1	Major Dis	VI	Virgin Islar	Tropical St	2024-10-2	2024-10-25T00:00:00		2	0	0	1	1 4,W		202
4840	2024-10-25T00:00:00.000Z	FLOODING	2024-08-2	2024-08-2	Major Dis	AZ	Arizona	Flood	2024-10-2	2024-10-25T00:00:00		9	1	0	1	1 F		202
5542	2024-10-24T00:00:00.000Z	HAWTHORNE FIRE	2024-10-21T00:00:00	Fire Manaj CT	Connecticti	Fire	2024-10-2	2024-10-25T00:00:00		1	0	0	1	1 R		202		
4836	2024-10-16T00:00:00.000Z	FLOODING	2024-08-0	2024-08-0	Major Dis	AK	Alaska	Flood	2024-10-1	2024-10-16T00:00:00		10	1	0	1	1 F		202
4834	2024-10-11T00:00:00.000Z	HURRICANE MILTON	2024-10-0	2024-11-0	Major Dis	FL	Florida	Hurricane	2024-10-1	2024-11-04T00:00:00		4	1	0	1	1 F,H		202
5540	2024-10-06T00:00:00.000Z	BEAR DEN FIRE	2024-10-0	2024-10-2	Fire Manaj ND	North Dak	Fire	2024-10-1	2025-01-24T00:00:00		8	0	0	1	1 R		202	
4833	2024-10-04T00:00:00.000Z	WATCH FIRE	2024-07-1	2024-07-1	Major Dis	AZ	Arizona	Fire	2024-10-0	2024-10-04T00:00:00		9	1	0	1	1 R		202

2. Raw Data

DATA CLEANING IN POWER BI [POWER QUERY]

The screenshot shows the Power Query Editor interface. On the left, the 'FemaWebDisasterDeclarations.csv' file is open, displaying a table of disaster declarations. The columns include 'idDate', 'declarationType', 'stateCode', 'stateName', 'incidentType', 'entryDate', 'updateDate', 'closeoutDate', and 'region'. The data type detection is set to 'Based on first 200 rows'. On the right, the 'Query Settings' pane is open, showing the 'PROPERTIES' section with the name 'FemaWebDisasterDeclarations' and the 'APPLIED STEPS' section which lists various cleaning steps such as 'Renamed Columns8', 'Changed Type12', 'Renamed Columns9', etc.

3. Import/Load The Data

The screenshot shows the Power BI desktop application. The top navigation bar includes 'Home', 'Transform', 'Add Column', 'View', 'Tools', and 'Help'. Below the ribbon, the Power Query Editor is open, showing a table with columns: 'Disaster Number', 'Declaration Date', 'Disaster Name', 'Incident Begin Date', 'Incident End Date', 'Declaration Type', 'State Code', and 'State Name'. The table contains 26 rows of data, mostly 'MAJOR DISASTER' entries with various dates and state abbreviations like GA, TX, LA, MI, MT, etc.

4. Cleaning Steps

5.Cleaned Data

DATA CLEANING USING PYTHON [VS CODE, JUPYTER NOTEBOOK]

The screenshot shows a Jupyter Notebook interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** Search.
- Cell Header:** Sample.ipynb
- Cell Content:** C:\> Users > User > OneDrive > Desktop > INTERNSHIP 6.0 > Sample.ipynb > import pandas as pd
Generate + Code + Markdown | Run All | Restart | Clear All Outputs | Jupyter Variables | Outline ...
import pandas as pd
df = pd.read_excel(r"C:\Users\User\OneDrive\Desktop\Customer Call List.xlsx")
df
0.8s
- Data Preview:** A table showing 20 rows of data with columns: CustomerID, First Name, Last Name, Phone Number, Address, Paying Customer, Do Not Contact, and Not Useful Column. The data includes various names like Frodo, Abed, Walter, Dwight, etc., with their respective addresses and contact details.

1.Importing/Load Data

The screenshot shows a Jupyter Notebook interface with the following details:

- Cell Header:** df.drop_duplicates()
- Cell Content:** 0.0s
- Data Preview:** A table showing 20 rows of data with columns: CustomerID, First Name, Last Name, Phone Number, Address, Paying Customer, Do Not Contact, and Not Useful Column. This table is identical to the one in the previous screenshot, showing the same set of data points.

2.Removing Duplicates

```

df.columns
✓ 0.0s

Index(['CustomerID', 'First_Name', 'Last_Name', 'Phone_Number', 'Address',
       'Paying Customer', 'Do_Not_Contact', 'Not_Useful_Column'],
      dtype='object')

```

3.No.of Columns

```

df = df.drop(columns = ["Not_Useful_Column"])
✓ 0.0s

df["Last_Name"] = df["Last_Name"].str.strip("/....")
✓ 0.0s

df
✓ 0.0s

```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	123-545-5421	123 Shire Lane, Shire	Yes	No
1	1002	Abed	Nadir	123/643/9775	93 West Main Street	No	Yes
2	1003	Walter	White	7066950392	298 Drugs Driveway	N	NaN
3	1004	Dwight	Schrute	123-543-2345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y
4	1005	Jon	Snow	876 678 3469	123 Dragons Road	Y	No
5	1006	Ron	Swanson	304-762-2467	768 City Parkway	Yes	Yes
6	1007	Jeff	Winger	NaN	1209 South Street	No	No
7	1008	Sherlock	Holmes	876 678 3469	98 Clue Drive	N	No
8	1009	Gandalf	NaN	N/a	123 Middle Earth	Yes	NaN
9	1010	Peter	Parker	123-545-5421	25th Main Street, New York	Yes	No
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Yes	No
11	1012	Harry	Potter	7066950392	2394 Hogwarts Avenue	Y	NaN
12	1013	Don	Draper	123-543-2345	2039 Main Street	Yes	N
13	1014	Leslie	Knope	876 678 3469	343 City Parkway	Yes	No
14	1015	Toby	Flenderson	304-762-2467	214 HR Avenue	N	No
15	1016	Ron	Weasley	123-545-5421	2395 Hogwarts Avenue	No	N
16	1017	Michael	Scott	123/643/9775	121 Paper Avenue, Pennsylvania	Yes	No
17	1018	Clark	Kent	7066950392	3498 Super Lane	Y	NaN
18	1019	Creed	Braton	N/a	N/a	N/a	Yes
19	1020	Anakin	Skywalker	876 678 3469	910 Tatooine Road, Tatooine	Yes	N

4.Removing Unwanted Columns

```

df = df.rename(columns={"Last_Name" : "Test_Name"})
df
✓ 0.0s


```

	CustomerID	First_Name	Test_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street	City
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N	123 Shire Lane	Shire
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N	123 Dragons Road	None
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	98 Clue Drive	None
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N	25th Main Street	New York
12	1013	Don	Draper	1235432345	2039 Main Street	Y	N	2039 Main Street	None
13	1014	Leslie	Knope	8766783469	343 City Parkway	Y	N	343 City Parkway	None
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	214 HR Avenue	None
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	2395 Hogwarts Avenue	None
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Y	N	121 Paper Avenue	Pennsylvania
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine

5.Rename Columns

DATA CLEANING USING PYTHON [VS CODE, JUPYTER NOTEBOOK]

```
[14] df["Phone_Number"] = df["Phone_Number"].str.replace("-", "")  
df["Phone_Number"] = df["Phone_Number"].str.replace("/", "")  
df["Phone_Number"] = df["Phone_Number"].str.replace("|", "")  
df  
[14]: ✓ 0.0s
```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Yes	No
1	1002	Abed	Nadir	1236439775	93 West Main Street	No	Yes
2	1003	Walter	White	NaN	298 Drugs Driveway	N	NaN
3	1004	Dwight	Schrute	1235432345	980 Paper Avenue, Pennsylvania, 18503	Yes	Y
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	No
5	1006	Ron	Swanson	3047622467	768 City Parkway	Yes	Yes
6	1007	Jeff	Winger	NaN	1209 South Street	No	No
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	No
8	1009	Gandalf	NaN	Na	123 Middle Earth	Yes	NaN
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Yes	No
10	1011	Samwise	Gamgee	NaN	612 Shire Lane, Shire	Yes	No
11	1012	Harry	Potter	NaN	2394 Hogwarts Avenue	Y	NaN
12	1013	Don	Draper	1235432345	2039 Main Street	Yes	N
13	1014	Leslie	Knope	8766783469	343 City Parkway	Yes	No
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	No
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	No	N
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Yes	No
17	1018	Clark	Kent	NaN	3498 Super Lane	Y	NaN
18	1019	Creed	Braton	Na	N/a	N/a	Yes
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N

```
[15] df = df.fillna(" ")  
[15]: ✓ 0.0s
```

```
[16] df = df.replace("Na", " ")  
df = df.replace("N/a", " ")  
df = df.replace("Yes", "Y")  
df = df.replace(["No", "N"], " ")  
df  
[16]: ✓ 0.0s
```

	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	
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	
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	
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	
18	1019	Creed	Braton	Na	N/a	N/a	Y
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N

```

df = df.replace("Y", "Yes")
df = df.replace("NO", "No")
df
✓ 0.0s

```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street	City
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Yes	N	123 Shire Lane	Shire
4	1005	Jon	Snow	8766783469	123 Dragons Road	Yes	N	123 Dragons Road	None
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	98 Clue Drive	None
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Yes	N	25th Main Street	New York
12	1013	Don	Draper	1235432345	2039 Main Street	Yes	N	2039 Main Street	None
13	1014	Leslie	Knope	8766783469	343 City Parkway	Yes	N	343 City Parkway	None
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	214 HR Avenue	None
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	2395 Hogwarts Avenue	None
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Yes	N	121 Paper Avenue	Pennsylvania
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N	910 Tatooine Road	Tatooine
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N	910 Tatooine Road	Tatooine

6. Replacing Values

```

df.columns
✓ 0.0s

Index(['CustomerID', 'First_Name', 'Last_Name', 'Phone_Number', 'Address',
       'Paying Customer', 'Do_Not_Contact', 'street', 'City'],
      dtype='object')

```

7. Reading No.of Column

```

df[["Street", "City"]] = df["Address"].str.split(", ", expand=True)
df
✓ 0.0s

C:\Users\User\AppData\Local\Temp\ipykernel_17312\589710751.py:1: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy
df[["Street", "City"]] = df["Address"].str.split(", ", expand=True)
C:\Users\User\AppData\Local\Temp\ipykernel_17312\589710751.py:1: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame.
Try using .loc[row_indexer,col_indexer] = value instead

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy
df[["Street", "City"]] = df["Address"].str.split(", ", expand=True)

```

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street	City
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N	123 Shire Lane	Shire
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N	123 Dragons Road	None
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	98 Clue Drive	None
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N	25th Main Street	New York
12	1013	Don	Draper	1235432345	2039 Main Street	Y	N	2039 Main Street	None
13	1014	Leslie	Knope	8766783469	343 City Parkway	Y	N	343 City Parkway	None
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	214 HR Avenue	None
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	2395 Hogwarts Avenue	None
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Y	N	121 Paper Avenue	Pennsylvania
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine

8. Splitting Column

DATA CLEANING USING PYTHON [VS CODE, JUPYTER NOTEBOOK]

```
df = df[df["Phone_Number"] != " "]
df
```

✓ 0.0s

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N
4	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N
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
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N

```
df.reset_index(drop=True)
```

Python

	CustomerID	First_Name	Last_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street	City
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Y	N	123 Shire Lane	Shire
1	1005	Jon	Snow	8766783469	123 Dragons Road	Y	N	123 Dragons Road	None
2	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	98 Clue Drive	None
3	1010	Peter	Parker	1235455421	25th Main Street, New York	Y	N	25th Main Street	New York
4	1013	Don	Draper	1235432345	2039 Main Street	Y	N	2039 Main Street	None
5	1014	Leslie	Knope	8766783469	343 City Parkway	Y	N	343 City Parkway	None
6	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	214 HR Avenue	None
7	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	2395 Hogwarts Avenue	None
8	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Y	N	121 Paper Avenue	Pennsylvania
9	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine
10	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Y	N	910 Tatooine Road	Tatooine

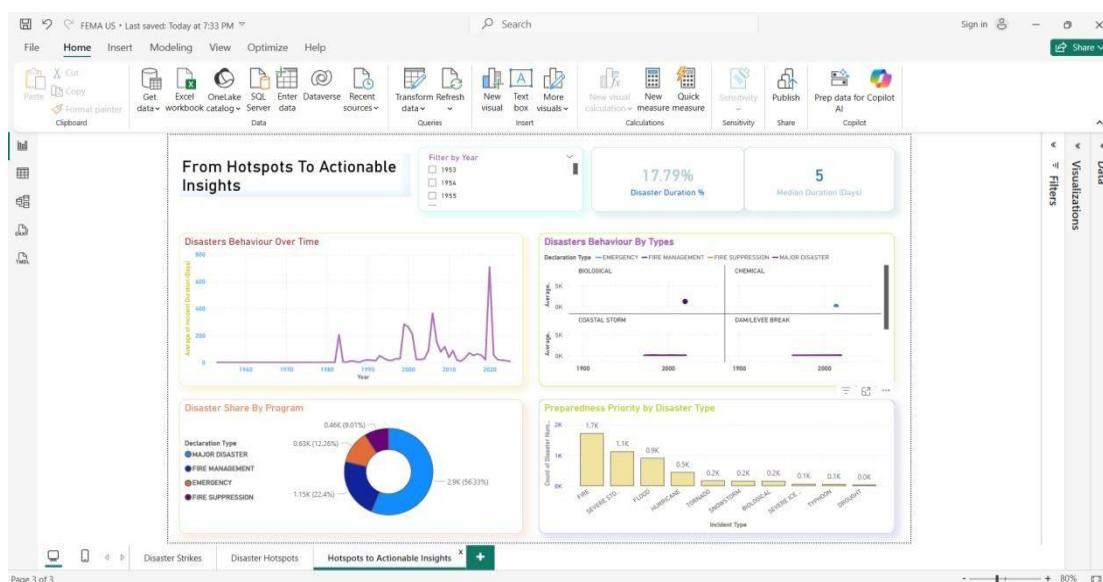
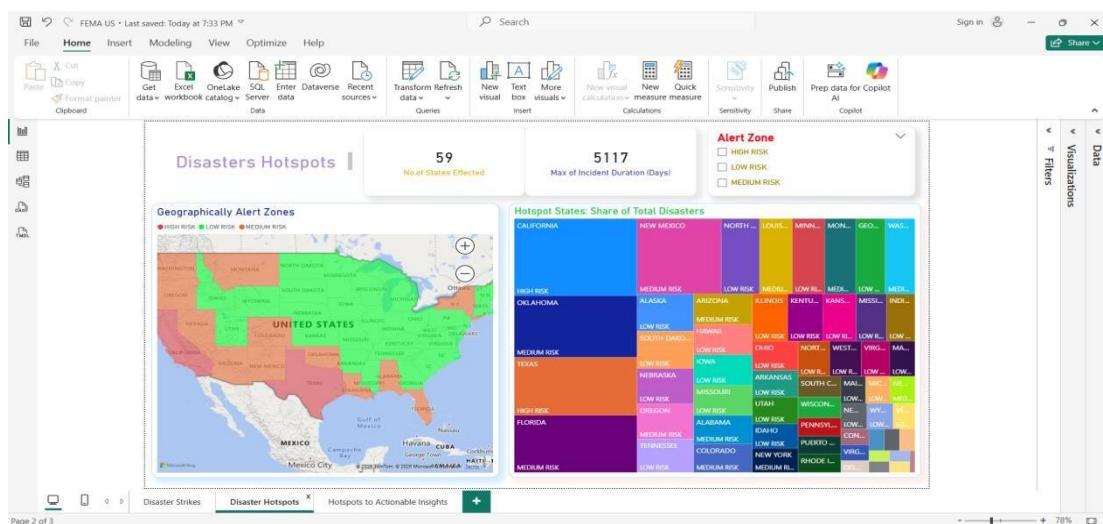
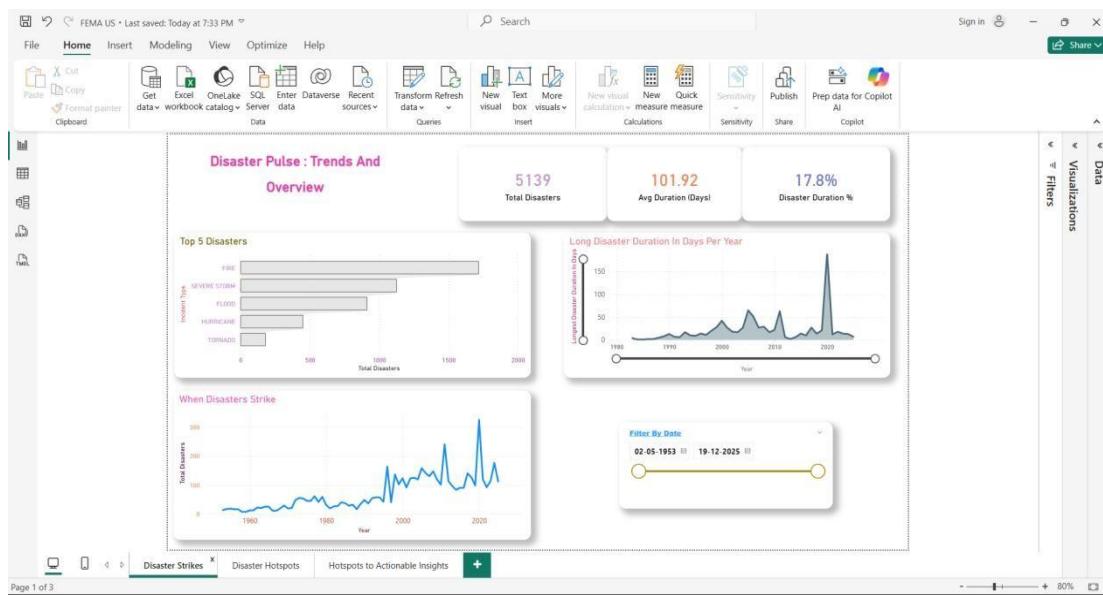
9.Condition Based

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	CustomerID	First_Name	Test_Name	Phone_Number	Address	Paying Customer	Do_Not_Contact	Street	City
0	1001	Frodo	Baggins	1235455421	123 Shire Lane, Shire	Yes	N	123 Shire Lane	Shire
4	1005	Jon	Snow	8766783469	123 Dragons Road	Yes	N	123 Dragons Road	None
7	1008	Sherlock	Holmes	8766783469	98 Clue Drive	N	N	98 Clue Drive	None
9	1010	Peter	Parker	1235455421	25th Main Street, New York	Yes	N	25th Main Street	New York
12	1013	Don	Draper	1235432345	2039 Main Street	Yes	N	2039 Main Street	None
13	1014	Leslie	Knope	8766783469	343 City Parkway	Yes	N	343 City Parkway	None
14	1015	Toby	Flenderson	3047622467	214 HR Avenue	N	N	214 HR Avenue	None
15	1016	Ron	Weasley	1235455421	2395 Hogwarts Avenue	N	N	2395 Hogwarts Avenue	None
16	1017	Michael	Scott	1236439775	121 Paper Avenue, Pennsylvania	Yes	N	121 Paper Avenue	Pennsylvania
19	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N	910 Tatooine Road	Tatooine
20	1020	Anakin	Skywalker	8766783469	910 Tatooine Road, Tatooine	Yes	N	910 Tatooine Road	Tatooine

10.Cleaned Data



POWER BI DASHBOARDS