

VISUALIZING US NATURAL DISASTER DECLARATION – TRENDS AND PATTERNS

Week 4 Documentation/ Screenshots

Live Data, ETL Pipeline, and GitHub Project Organization

Real-Time Data Integration from FEMA Disaster Declarations Using Web API

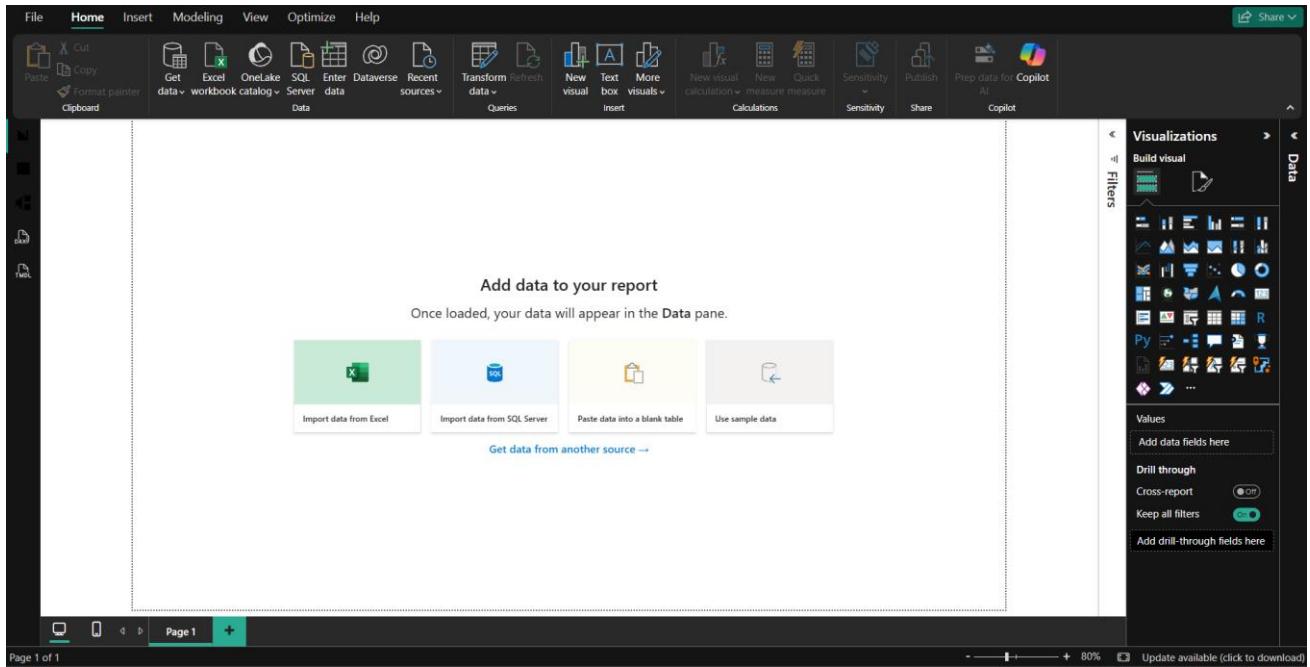


Fig 4.1 PowerBI Canvas

Go To: Get Data > Web

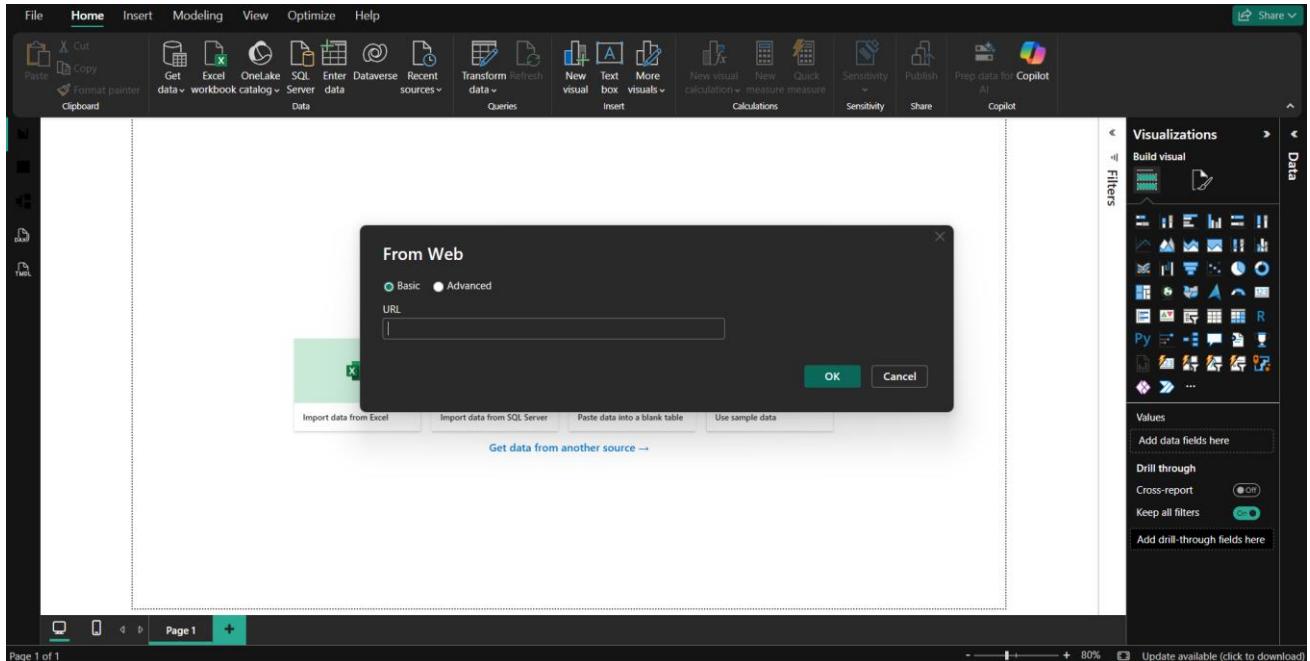


Fig 4.2 Web URL pop-up

API: <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries>

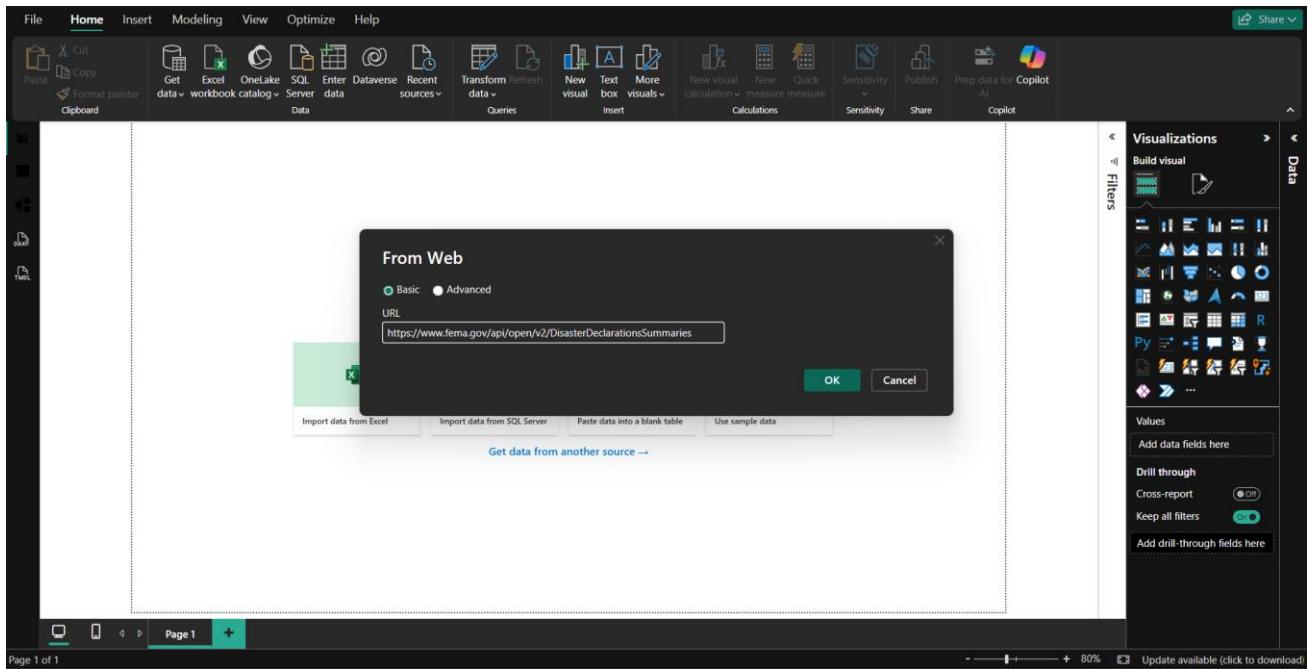


Fig 4.3 Entering API

	Column 1	Column 2	Column 3	Column 4
1	0	null	19-02-2026 17:57:56	1000
2	0	null	19-02-2026 17:57:56	1000
3	0	null	19-02-2026 17:57:56	1000
4	0	null	19-02-2026 17:57:56	1000
5	0	null	19-02-2026 17:57:56	1000
6	0	null	19-02-2026 17:57:56	1000
7	0	null	19-02-2026 17:57:56	1000
8	0	null	19-02-2026 17:57:56	1000
9	0	null	19-02-2026 17:57:56	1000
10	0	null	19-02-2026 17:57:56	1000
11	0	null	19-02-2026 17:57:56	1000
12	0	null	19-02-2026 17:57:56	1000
13	0	null	19-02-2026 17:57:56	1000
14	0	null	19-02-2026 17:57:56	1000
15	0	null	19-02-2026 17:57:56	1000
16	0	null	19-02-2026 17:57:56	1000
17	0	null	19-02-2026 17:57:56	1000
18	0	null	19-02-2026 17:57:56	1000
19	0	null	19-02-2026 17:57:56	1000
20	0	null	19-02-2026 17:57:56	1000
21	0	null	19-02-2026 17:57:56	1000
22	0	null	19-02-2026 17:57:56	1000
23	0	null	19-02-2026 17:57:56	1000
24	0	null	19-02-2026 17:57:56	1000
25	0	null	19-02-2026 17:57:56	1000
26	0	null	19-02-2026 17:57:56	1000

Fig 4.4 Power Query

Transform and load the dataset