

Introduction to “Get Data from Web Page”

Version 1.0

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Purpose

This document covers how to “Get Data from Web Page” in Power BI services. This is high level document and assume resource has basic knowledge of Power BI Concepts.

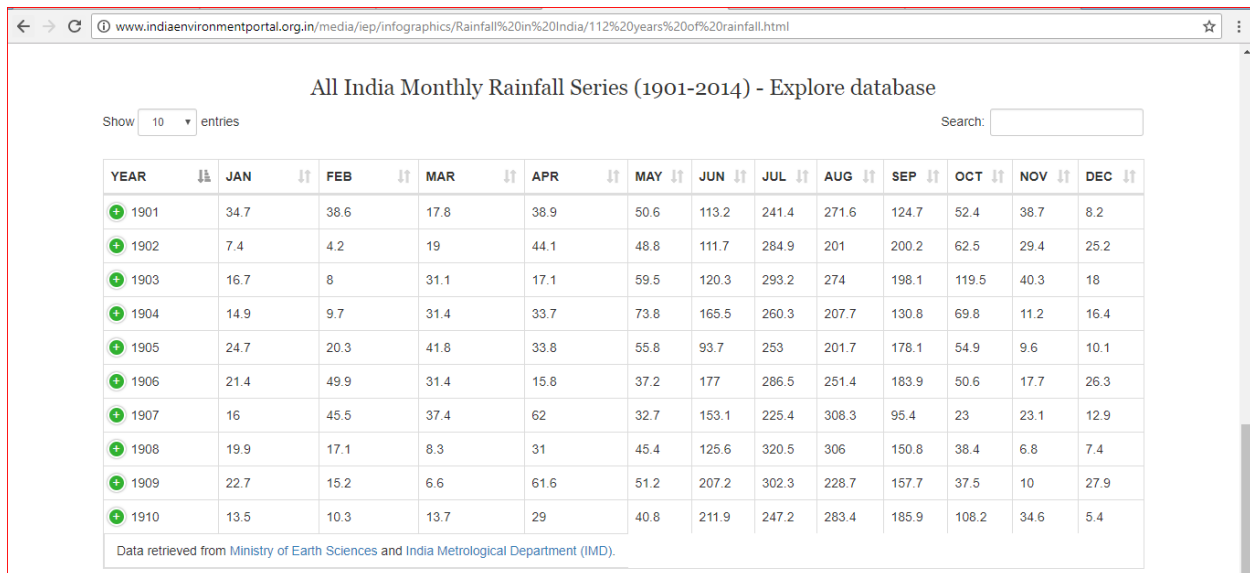
What is Web Data Source?

The data which is available on online websites called as web data. Power BI services provide functionality to access the same data. In power BI that data source called web data source.

How to connect with web data source?

For example, we are taking sample data of rainfall in India from the below website.

<http://www.indiaenvironmentportal.org.in/media/iep/infographics/Rainfall%20in%20India/112%20years%20of%20rainfall.html>

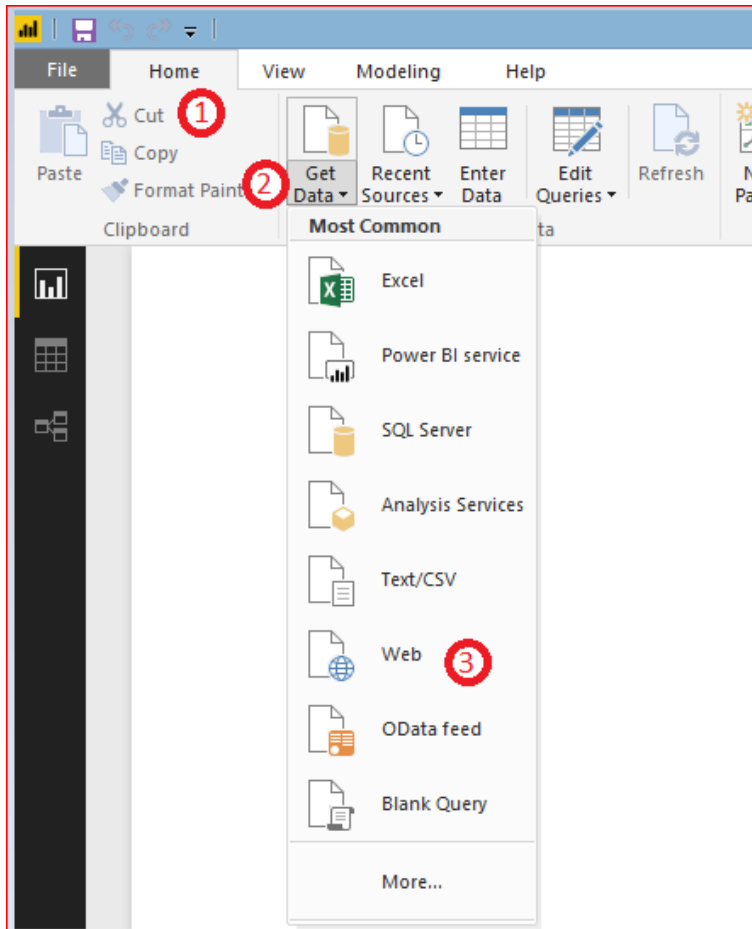


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1901	34.7	38.6	17.8	38.9	50.6	113.2	241.4	271.6	124.7	52.4	38.7	8.2
1902	7.4	4.2	19	44.1	48.8	111.7	284.9	201	200.2	62.5	29.4	25.2
1903	16.7	8	31.1	17.1	59.5	120.3	293.2	274	198.1	119.5	40.3	18
1904	14.9	9.7	31.4	33.7	73.8	165.5	260.3	207.7	130.8	69.8	11.2	16.4
1905	24.7	20.3	41.8	33.8	55.8	93.7	253	201.7	178.1	54.9	9.6	10.1
1906	21.4	49.9	31.4	15.8	37.2	177	286.5	251.4	183.9	50.6	17.7	26.3
1907	16	45.5	37.4	62	32.7	153.1	225.4	308.3	95.4	23	23.1	12.9
1908	19.9	17.1	8.3	31	45.4	125.6	320.5	306	150.8	38.4	6.8	7.4
1909	22.7	15.2	6.6	61.6	51.2	207.2	302.3	228.7	157.7	37.5	10	27.9
1910	13.5	10.3	13.7	29	40.8	211.9	247.2	283.4	185.9	108.2	34.6	5.4

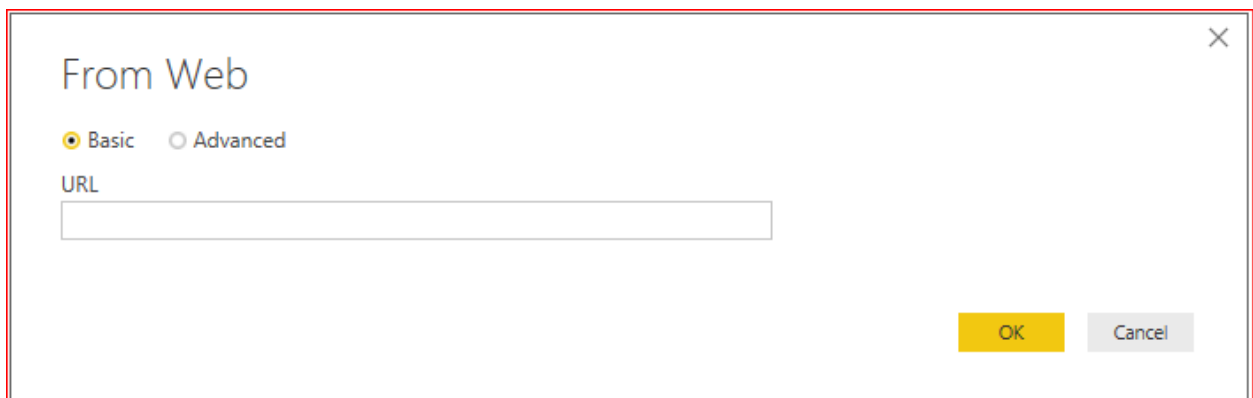
Data retrieved from Ministry of Earth Sciences and India Metrological Department (IMD).

Follow the below steps to connect the website in Power BI –

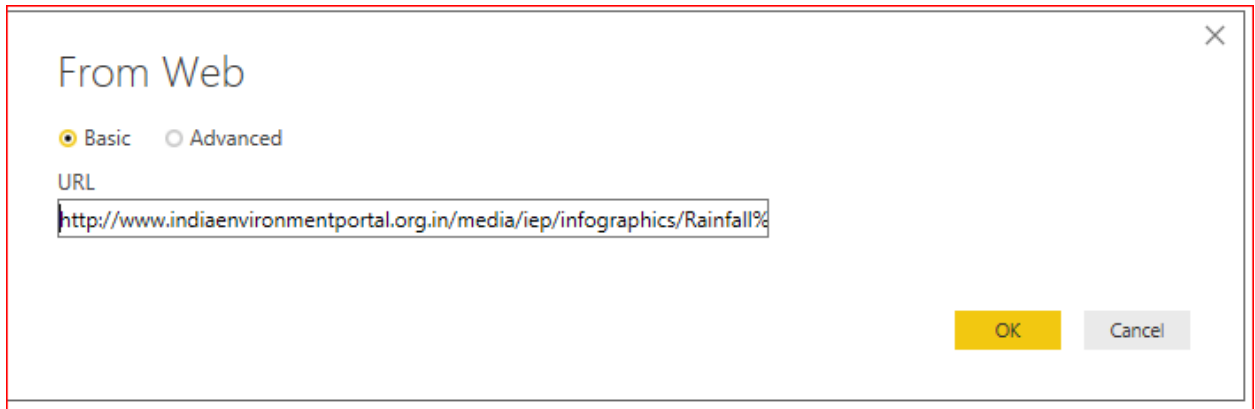
1. Go to “Home” ribbon.
2. Click on “Get Data” and “Web” from the dropdown list.



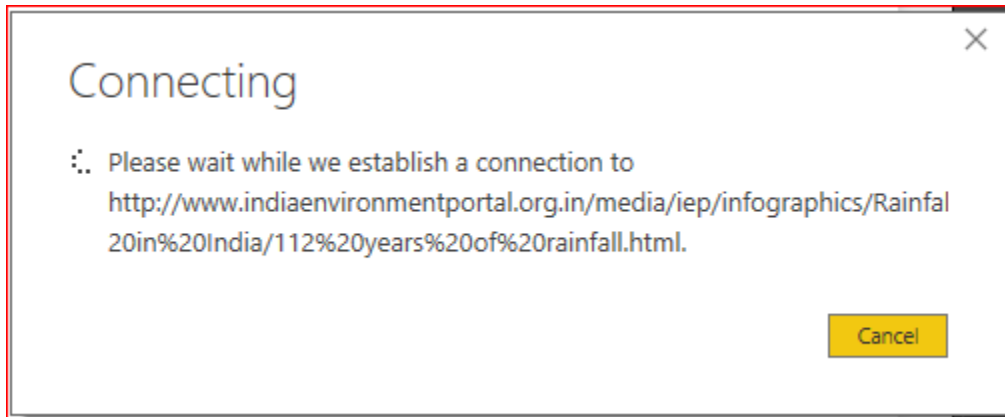
3. After clicking on “Web”, below window will be opened.



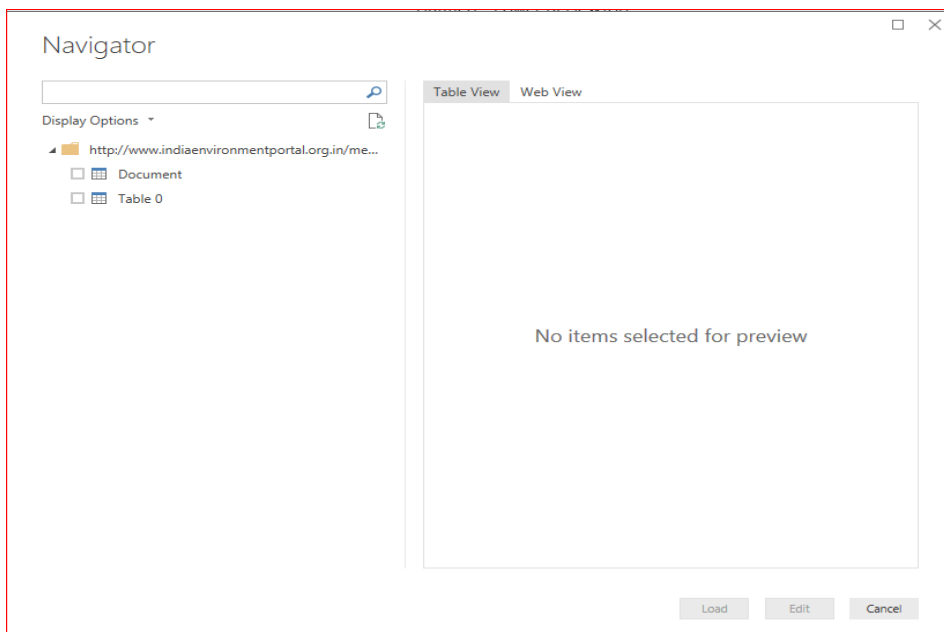
4. Paste the hyperlink/URL of the website having the data.



5. After this click on Ok button to establish the connection between website and Power BI.



6. After that the table selection window will be populated.



7. Select the desired table and data preview will be shown on right hand side under the “Table view”.

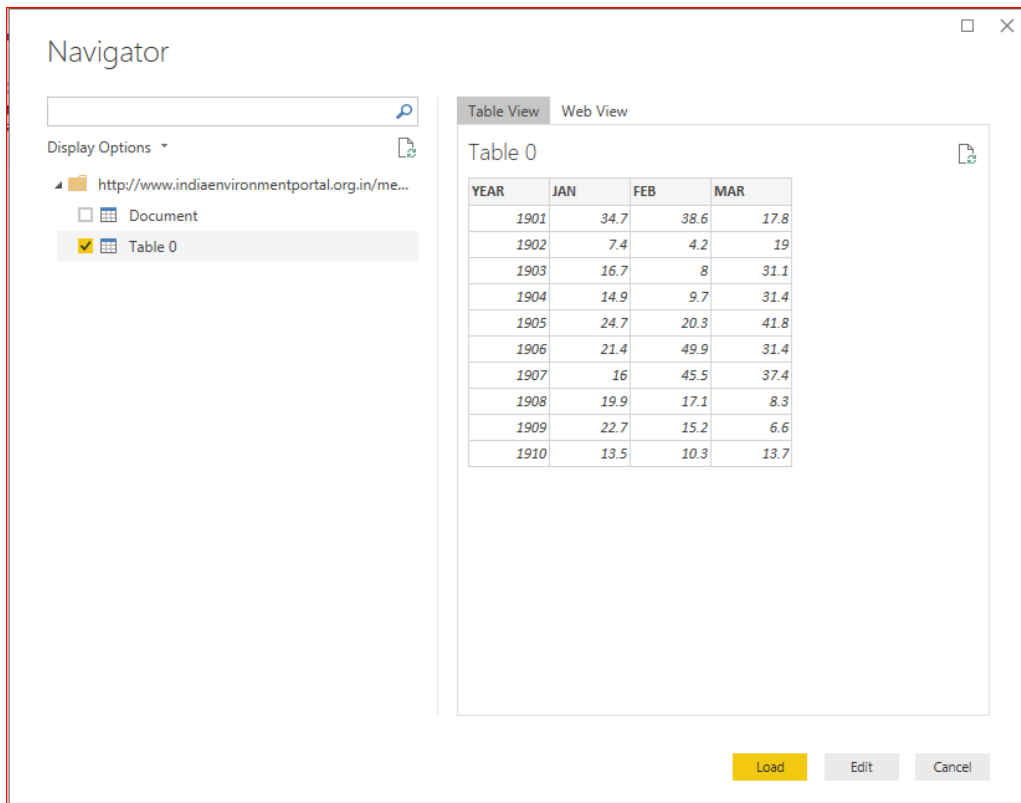
The screenshot shows the Navigator application window. On the left, the 'Display Options' section shows a folder icon for 'http://www.indiaenvironmentportal.org.in/me...' and two items: 'Document' and 'Table 0'. 'Table 0' is selected with a yellow checkmark. On the right, the 'Table View' tab is active, displaying 'Table 0' with a data preview table. The table has columns for YEAR, JAN, FEB, and MAR, with data for years 1901 through 1910. At the bottom right, there are 'Load', 'Edit', and 'Cancel' buttons.

YEAR	JAN	FEB	MAR
1901	34.7	38.6	17.8
1902	7.4	4.2	19
1903	16.7	8	31.1
1904	14.9	9.7	31.4
1905	24.7	20.3	41.8
1906	21.4	49.9	31.4
1907	16	45.5	37.4
1908	19.9	17.1	8.3
1909	22.7	15.2	6.6
1910	13.5	10.3	13.7

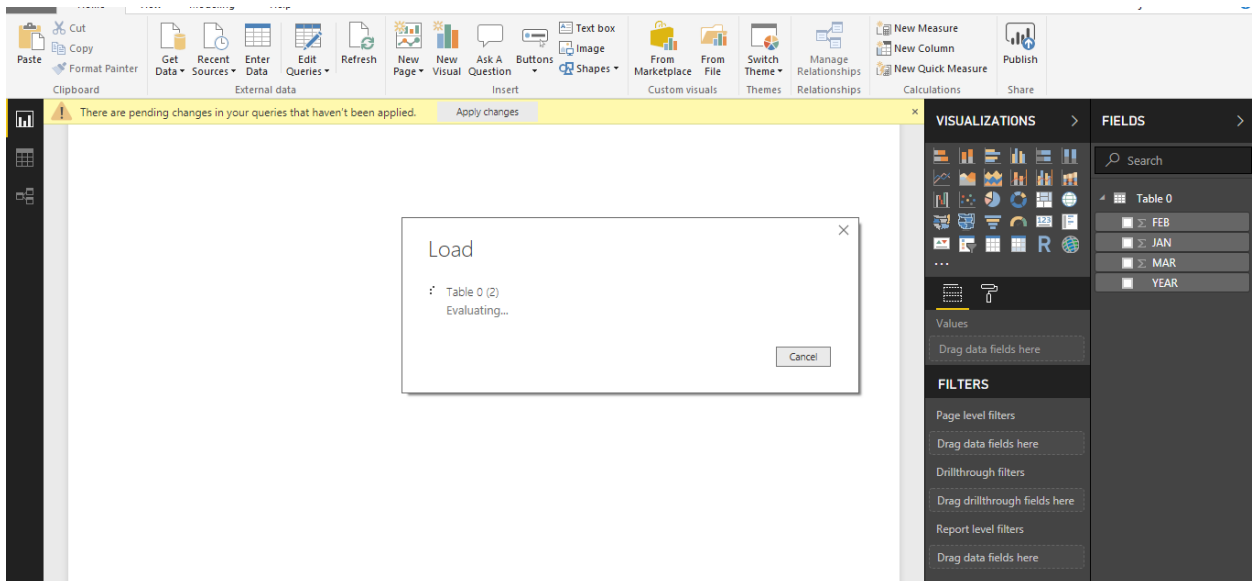
8. If we click on Web view, then it will show web view as seen in below image.

The screenshot shows the Navigator application window. On the left, the 'Display Options' section is the same as in the previous image. On the right, the 'Web View' tab is active, displaying a web image of a white car parked on a street, with a person holding a red umbrella in the foreground. At the bottom right, there are 'Load', 'Edit', and 'Cancel' buttons.

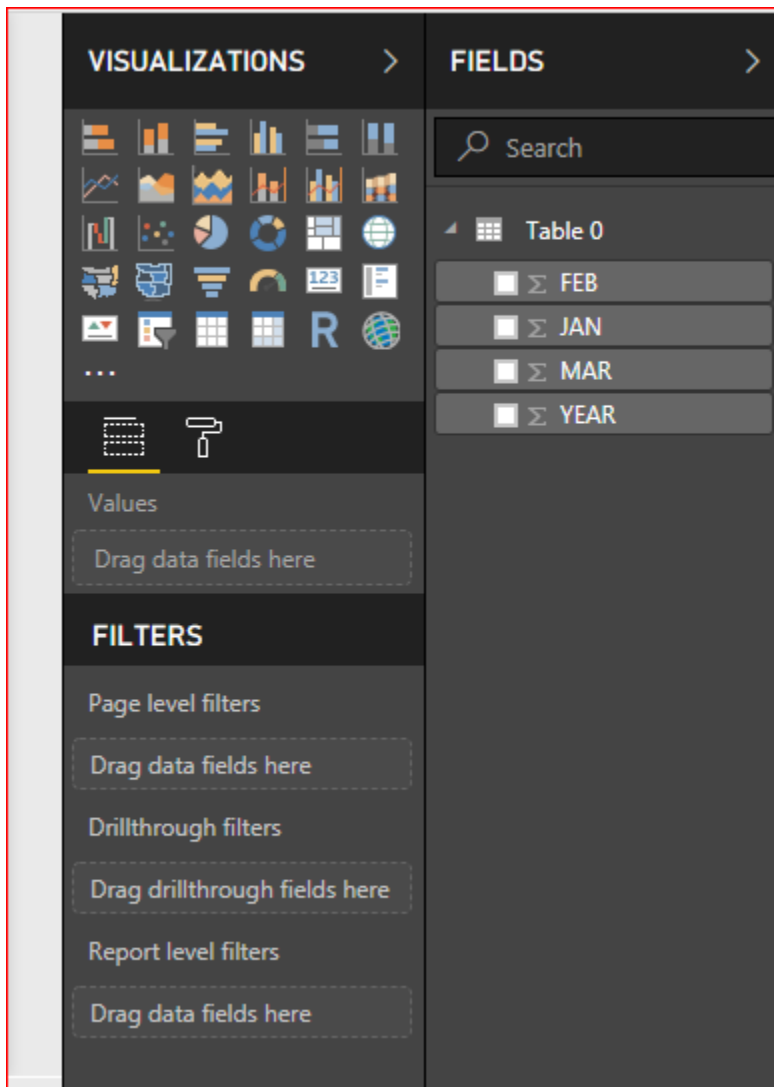
9. Click on “Load” button to fetch data.



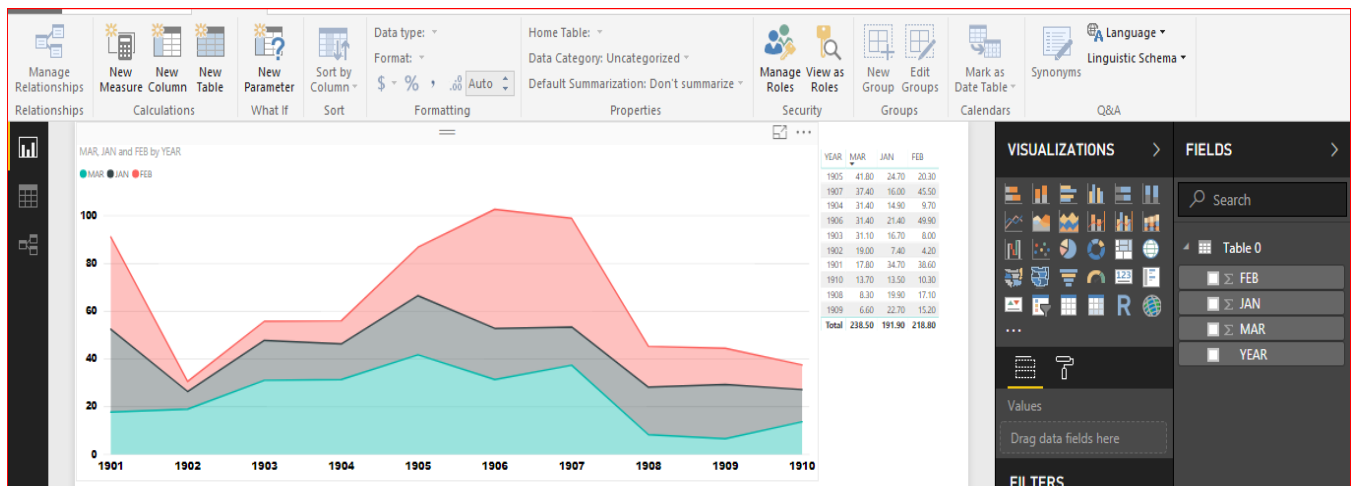
10. After that below screen will appears,



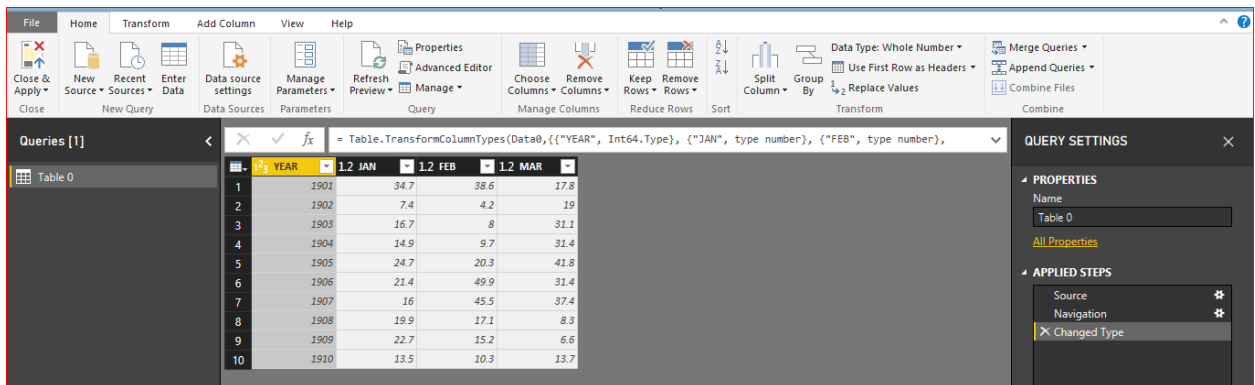
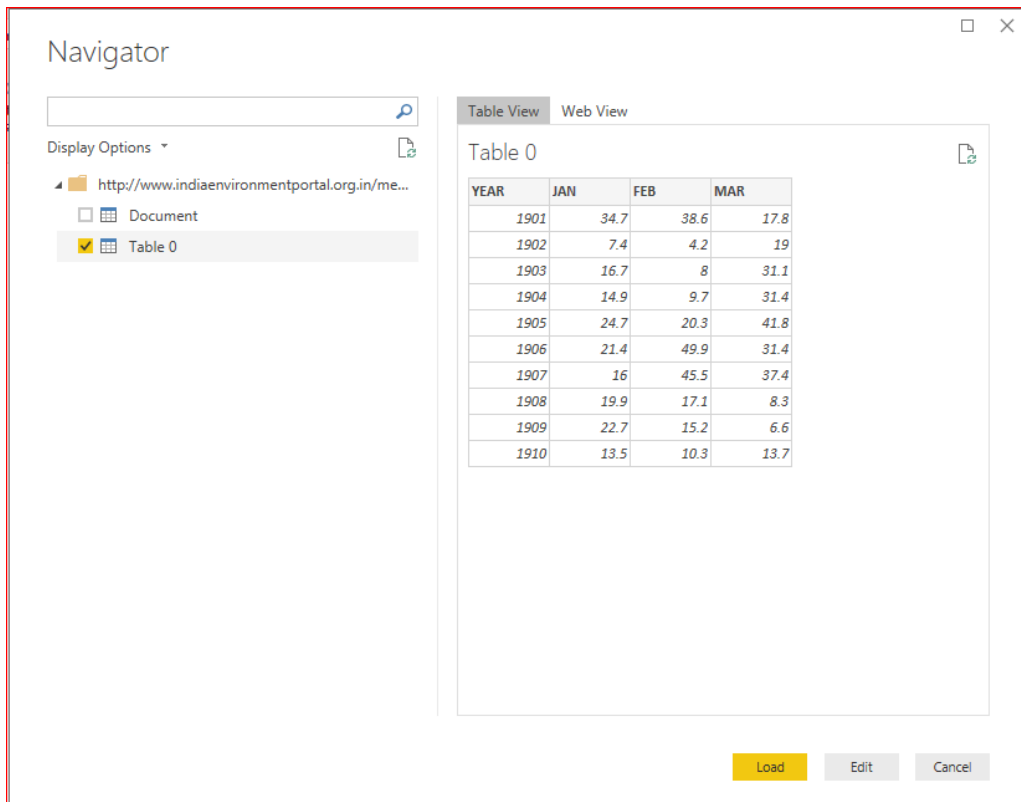
11. Go to the Home and we can see that Table is available with objects under the Fields pane.



12. In this way, we are ready to do the analytics with data.



13. If we want to modify the data, then we need to click on “Edit” button. Here we can modify the data properties like removing of unwanted columns, change in datatypes of objects, creation of new column or measure, applying of filter on data etc.



After the modification click on “Close and Apply” button under the Home ribbon.