	<b>Global Influenza Prevention Branch</b>		
<b>Job Aid: Power BI with API</b>			
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**Purpose:**

This document is to set up API web key using Power BI

**Scope:**

This document applies to all data analyst and epidemiologist using an API web key using Power BI.

**Materials:**

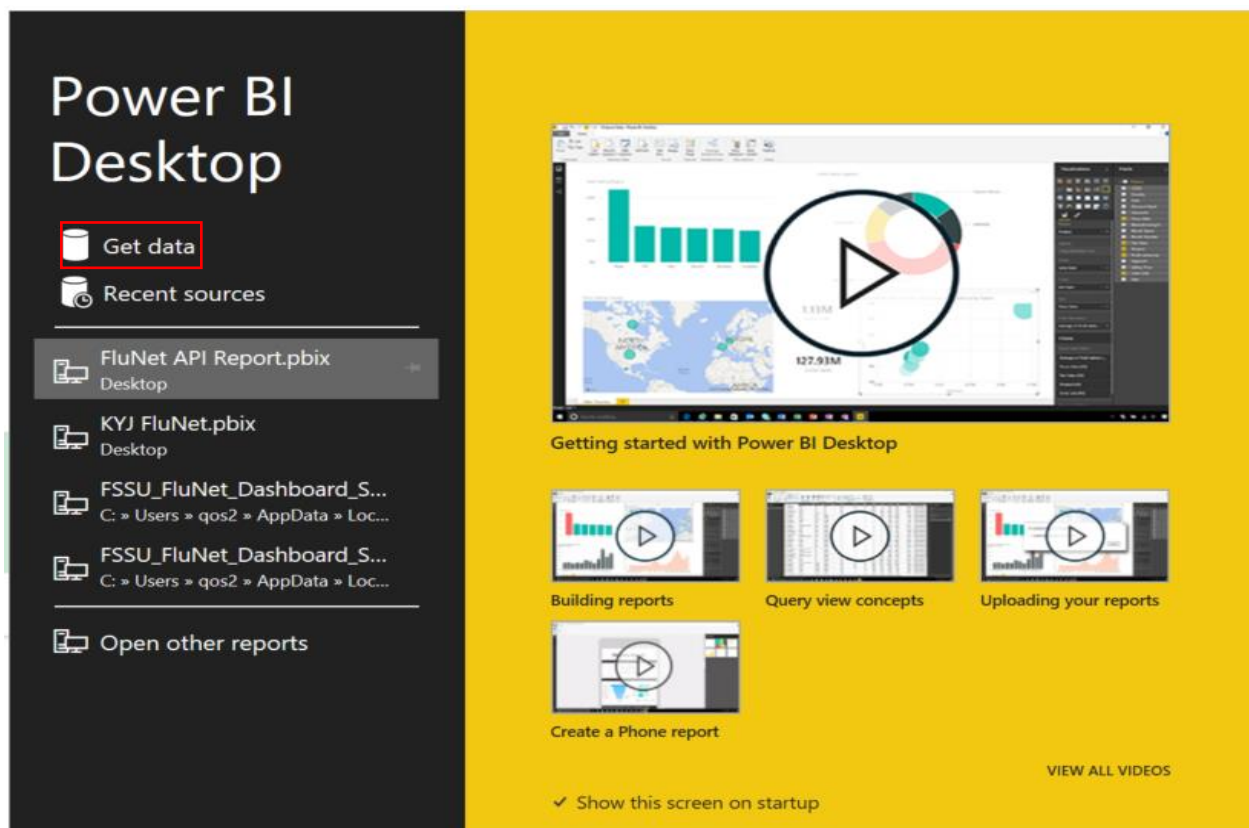
File Name	Location
FLUNET Dataset	<a href="https://frontdoor-4uikgap6gz3m.azurefd.net/FLUMART/VIW_FNT?\$format=csv">https://frontdoor-4uikgap6gz3m.azurefd.net/FLUMART/VIW_FNT?\$format=csv</a>
fluid Dataset	<a href="https://frontdoor-4uikgap6gz3m.azurefd.net/FLUMART/VIW_FID_EPI?\$format=csv">https://frontdoor-4uikgap6gz3m.azurefd.net/FLUMART/VIW_FID_EPI?\$format=csv</a>


**Prerequisites:**

- Must have Power BI Desktop
- Access to FLuNet/fluid API url

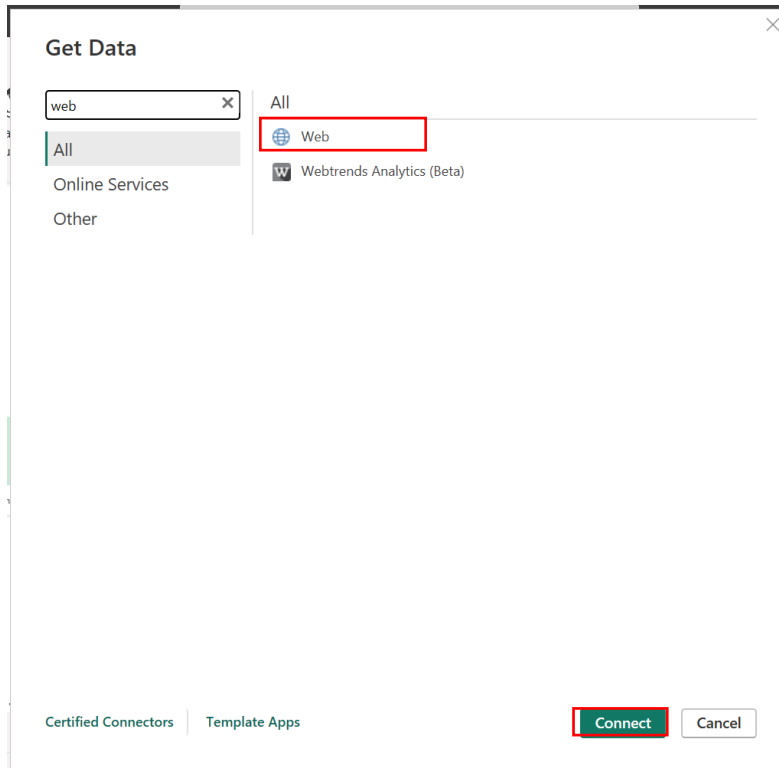
**Process:**

1. Open Power BI Desktop
2. Click Get data.



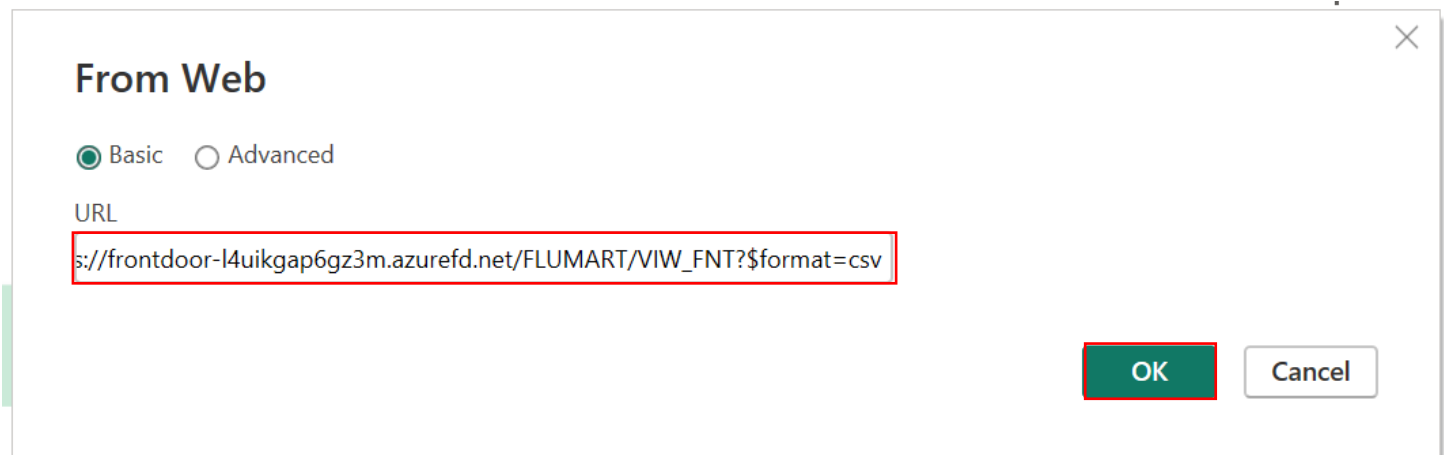
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3. Search Web > Connect.



4. Add API url > OK

- a. FluNet: [https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW\\_FNT?\\$format=csv](https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW_FNT?$format=csv)
- b. FluID: [https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW\\_FID\\_EPI?\\$format=csv](https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW_FID_EPI?$format=csv)



		<h2 style="text-align: center;">Global Influenza Prevention Branch</h2>	
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5. Data will load in table view.
  - a. Load: if there are no edits.
  - b. Transform Data: to make edits.

[https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW\\_FNT?\\$format=csv](https://frontdoor-l4uikgap6gz3m.azurefd.net/FLUMART/VIW_FNT?$format=csv)

File Origin  
65001: Unicode (UTF-8)

Delimiter  
Comma

Data Type Detection  
Based on first 200 rows

WHOREGION	FLUSEASON	HEMISPHERE	ITZ	COUNTRY_CODE	COUNTRY_AREA_TERRITORY	ISO_WEEKSTARTDATE	ISC
AFR	YR	NH	FLU_WST_AFR	MLI	Mali	11/25/2013	
AMR	YR	NH	FLU_CNT_AMC	HND	Honduras	10/12/2009	
AMR	YR	NH	FLU_CNT_AMC	HND	Honduras	1/25/2016	
EUR	NH	NH	FLU_NTH_EUR	IRL	Ireland	11/6/2000	
EMR	YR	NH	FLU_WST_ASIA	JOR	Jordan	1/28/2019	
EUR	NH	NH	FLU_SW_EUR	PRT	Portugal	12/15/2003	
EUR	NH	NH	FLU_NTH_EUR	EST	Estonia	7/23/2012	
AMR	YR	NH	FLU_TRP_SAMR	COL	Colombia	1/28/2013	
AFR	YR	NH	FLU_WST_AFR	MLI	Mali	2/20/2023	
EUR	NH	NH	FLU_CNT_ASIA	UZB	Uzbekistan	10/1/2018	
EUR	NH	NH	FLU_EST_EUR	BGR	Bulgaria	7/14/2014	
EUR	NH	NH	FLU_SW_EUR	CHE	Switzerland	3/7/2005	
EUR	NH	NH	FLU_WST_ASIA	ISR	Israel	1/14/2013	
EUR	NH	NH	FLU_SW_EUR	GRC	Greece	5/3/2021	
WPR	YR	NH	FLU_SE_ASIA	VNM	Viet Nam	12/6/2021	
WPR	SH	SH	FLU_OCE_MEL_POL	NCL	New Caledonia	4/28/2003	
AFR	YR	NH	FLU_WST_AFR	SLE	Sierra Leone	3/21/2022	
SEAR	YR	NH	FLU_STH_ASIA	BGD	Bangladesh	12/31/2012	
WPR	YR	NH	FLU_EST_ASIA	CHN	China	8/20/2012	
SEAR	YR	NH	FLU_STH_ASIA	LKA	Sri Lanka	9/12/2011	

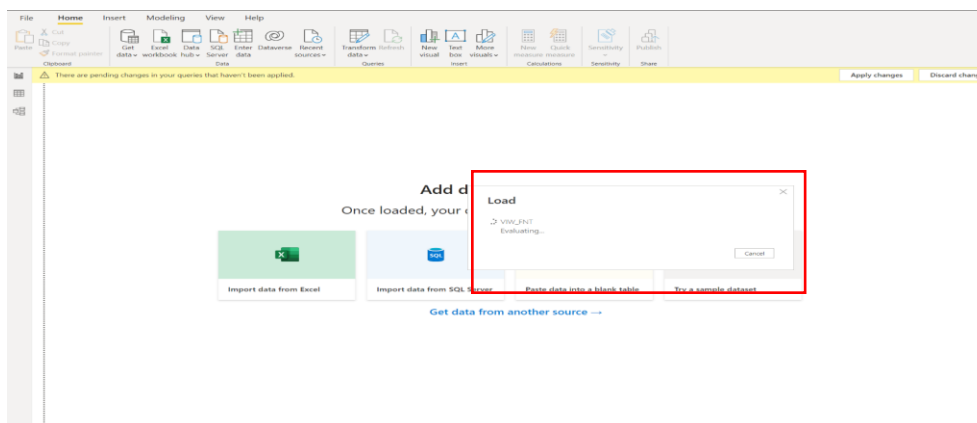
Extract Table Using Examples

Load

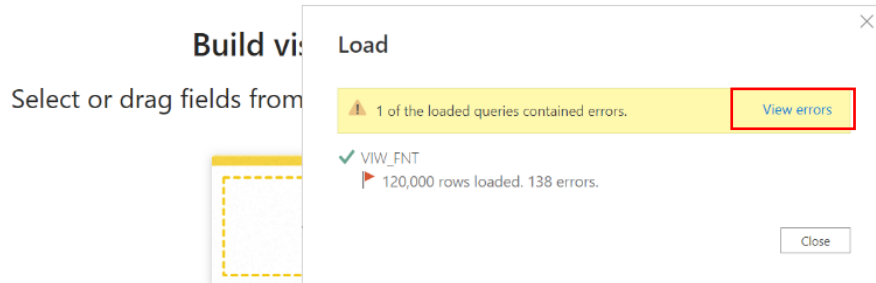
Transform Data

Cancel

6. Data will begin to load

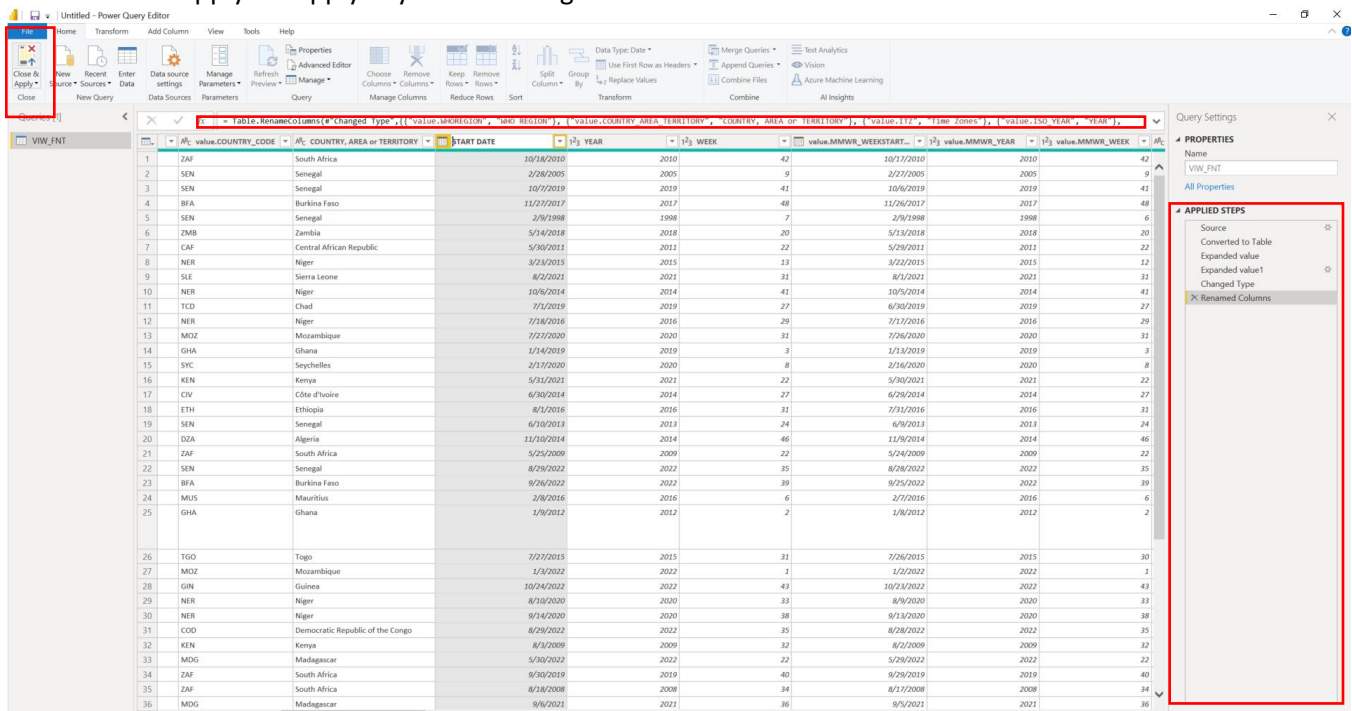


7. Power Query will alert if there was an issue with the loading of the data.
  - a. Green check will show how many rows were loaded.
  - b. Red flag tells you how many errors were detected.
  - c. If there is just a connection lag the error will disappear.
  - d. Clicking “view errors” link will show you what errors needs to be addressed.




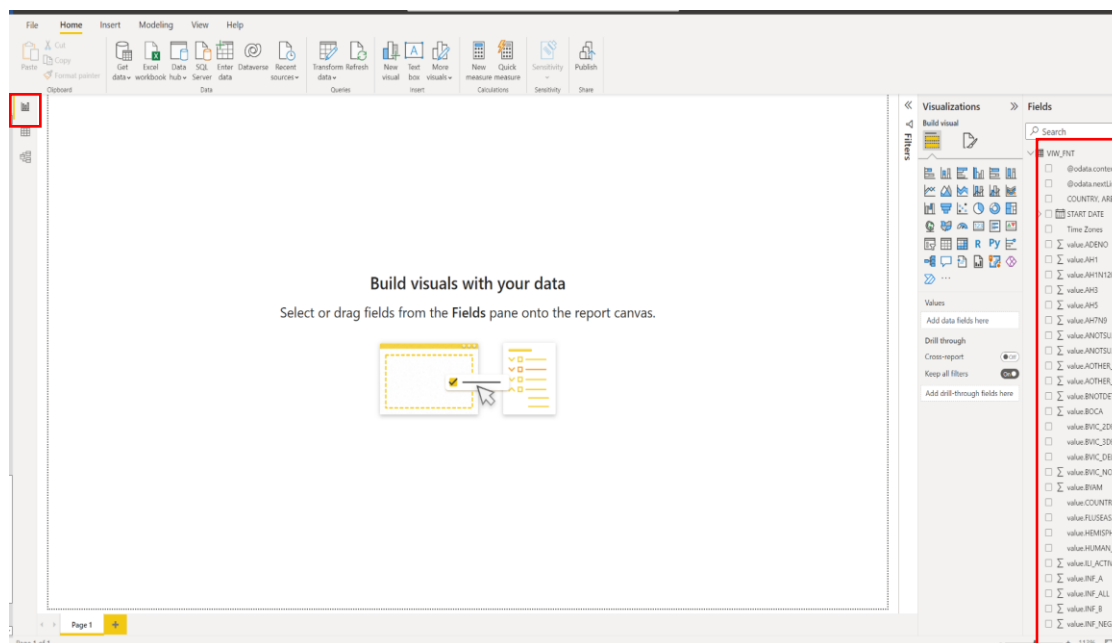
8. As you make changes you will see the changes in the right pane labeled “Applied Steps”
  - a. If you have made an error, click on the x next to the step to remove and start over
  - b. You can correct changes such as data types or column name changes.

9. Click “Close & Apply” to apply any and all changes.



10. Click on the Report icon to the left of the screen.
  - a. Data will show on the right side of the screen to begin using for your models.

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11. On the “Visualization” pane you can select the data visual you want to explore and start creating your data visuals.

