	Global Influenza Prevention Branch		
Job Aid: Power BI with Azure SQL			
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Purpose:

This document shows how to retrieve data from SQL server into Power BI

Scope:

This document applies to all data analyst and epidemiologist that will be receiving data from sql server and doing data visuals in Power BI .

Materials:

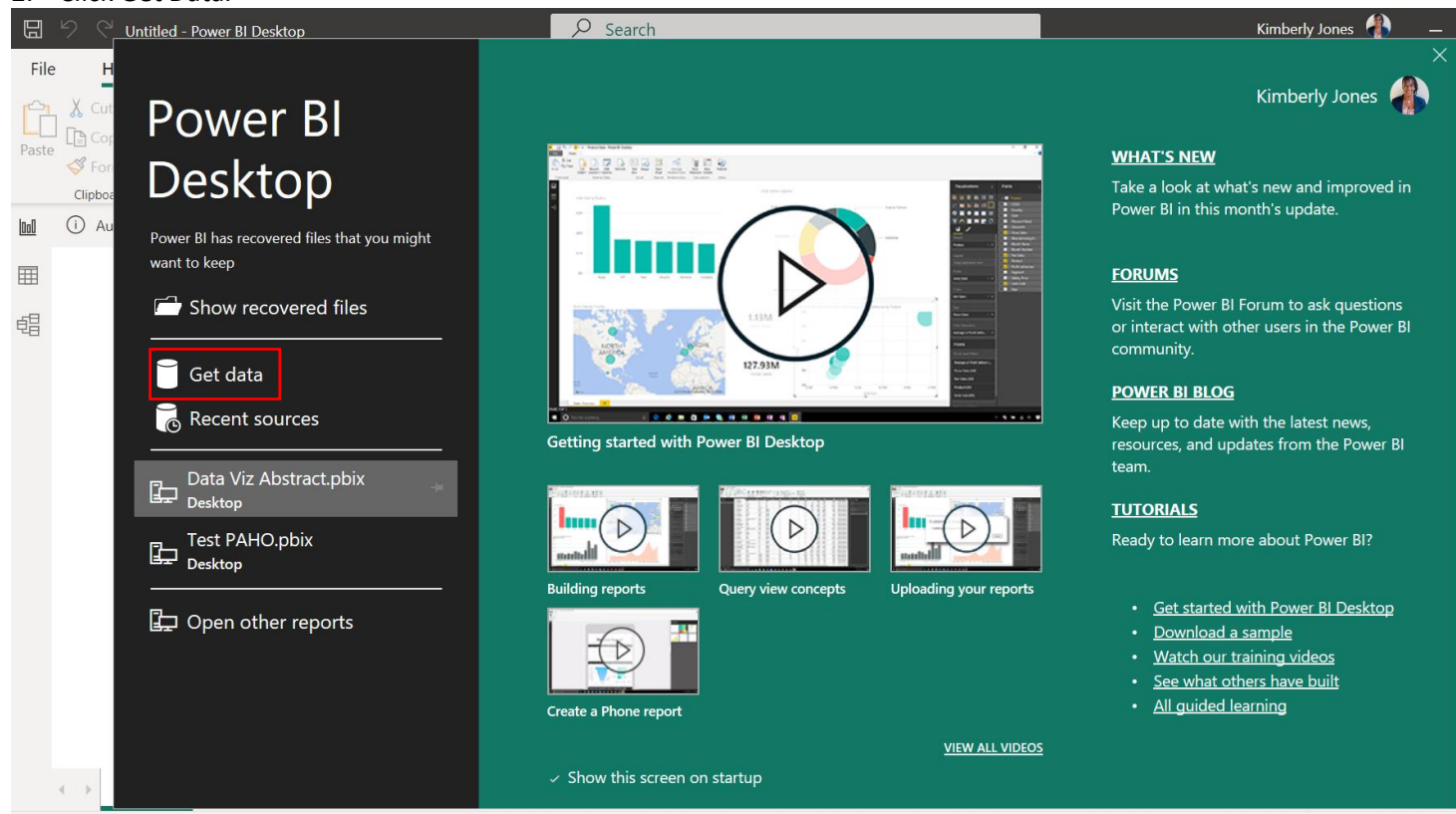
File Name	Location
Azure server name:	dsda-ndsp-s-sqlserver.database.windows.net
Azure database name:	ncird_id_gib

Prerequisites:


- Must have Power BI Desktop
- Access to Global Influenza Azure server and database

Process:

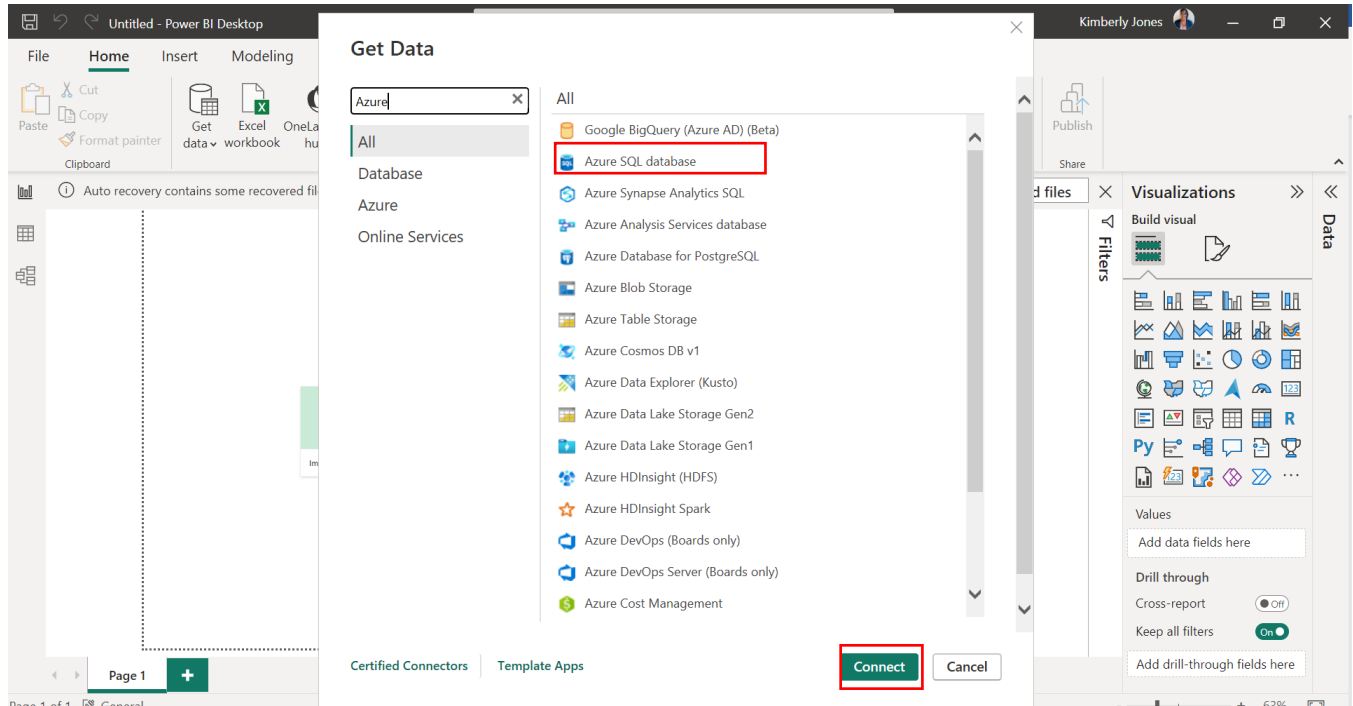
1. Open Power BI Desktop
2. Click Get Data.



The screenshot shows the Power BI Desktop application window. On the left, the 'Get Data' button is highlighted with a red rectangle. The main workspace displays a preview of a report with various charts and a play button. Below the preview, there are links to 'Building reports', 'Query view concepts', and 'Uploading your reports'. The right sidebar contains sections for 'WHAT'S NEW', 'FORUMS', 'POWER BI BLOG', and 'TUTORIALS'.

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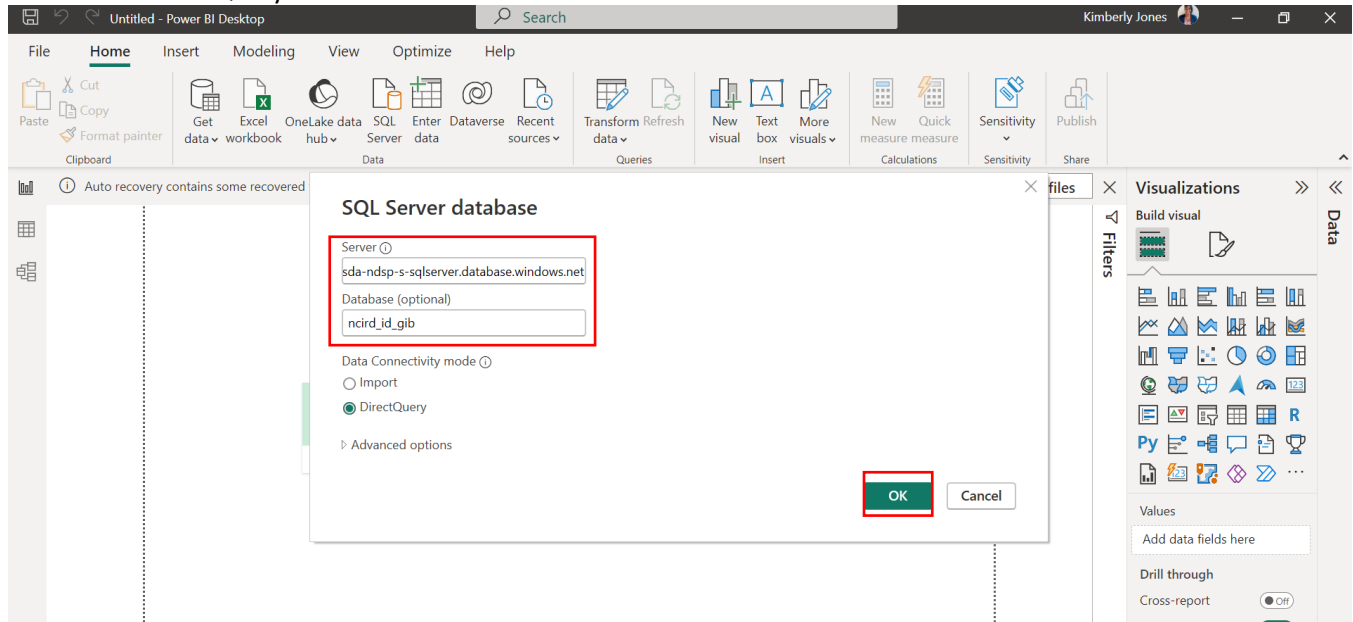
3. Search Azure SQL database >Connect.



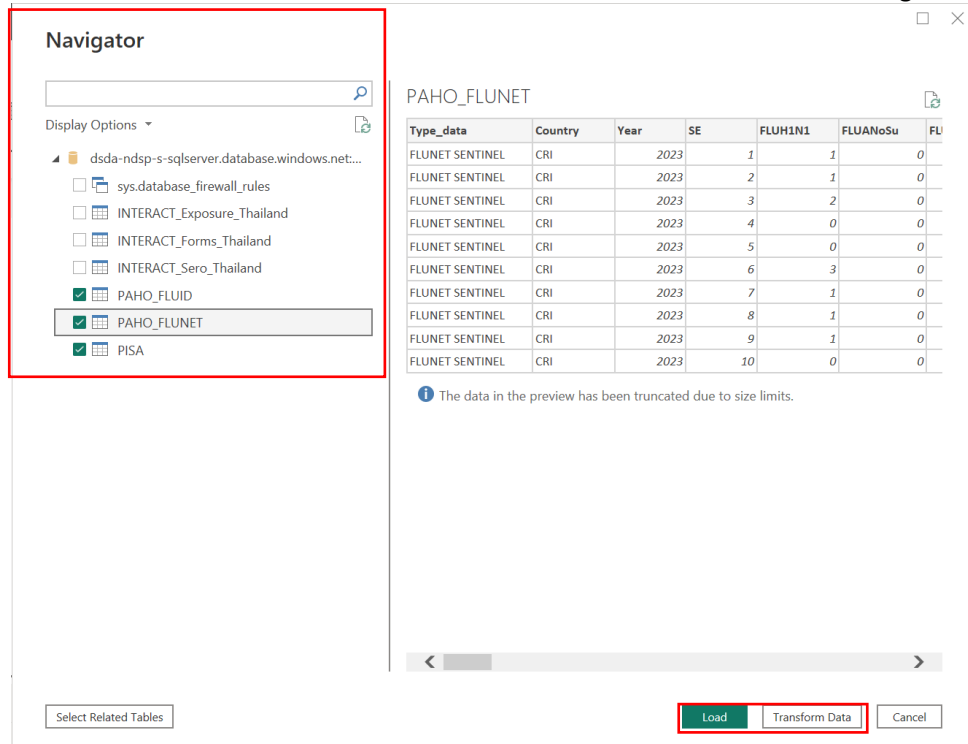
4. Add Database and Server

- Database: dsda-ndsp-s-sqlserver.database.windows.net
- Server: ncird_id_gib

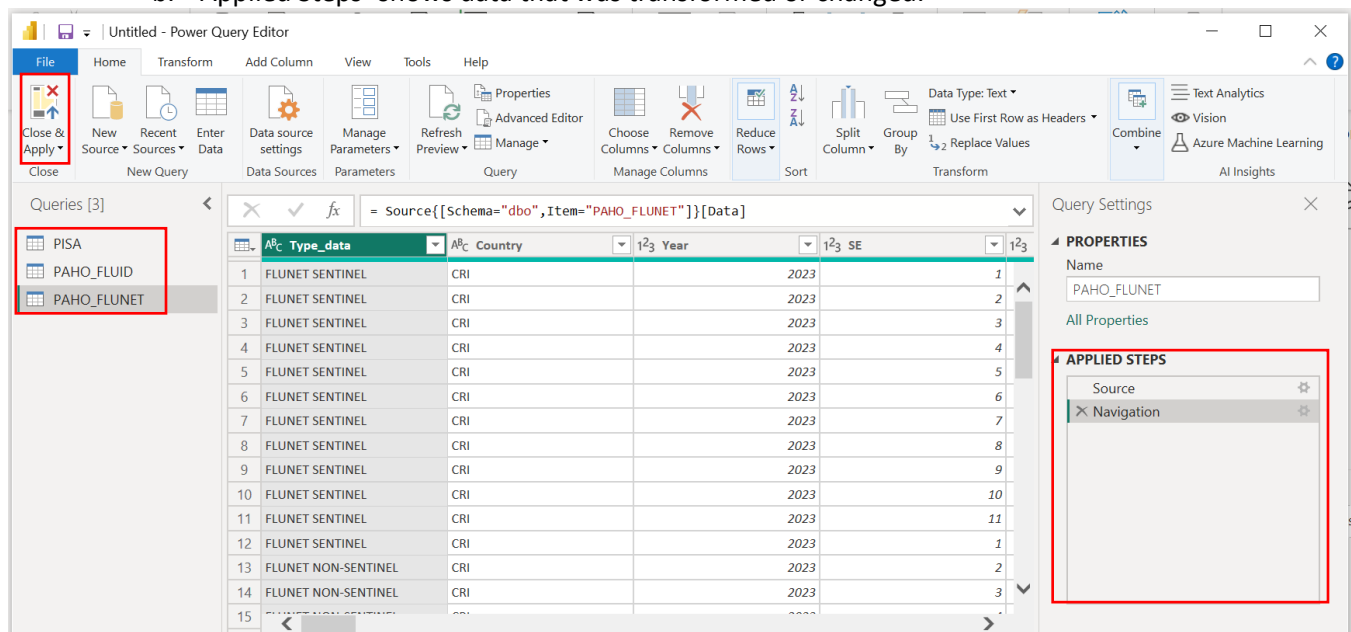
5. Select Direct Query >OK




6. Navigator allows you select one or more tables by placing a check mark next to table.
 - a. Load- tables are fine and no need to clean.
 - b. Transform Data- clean the data within the tables before loading.

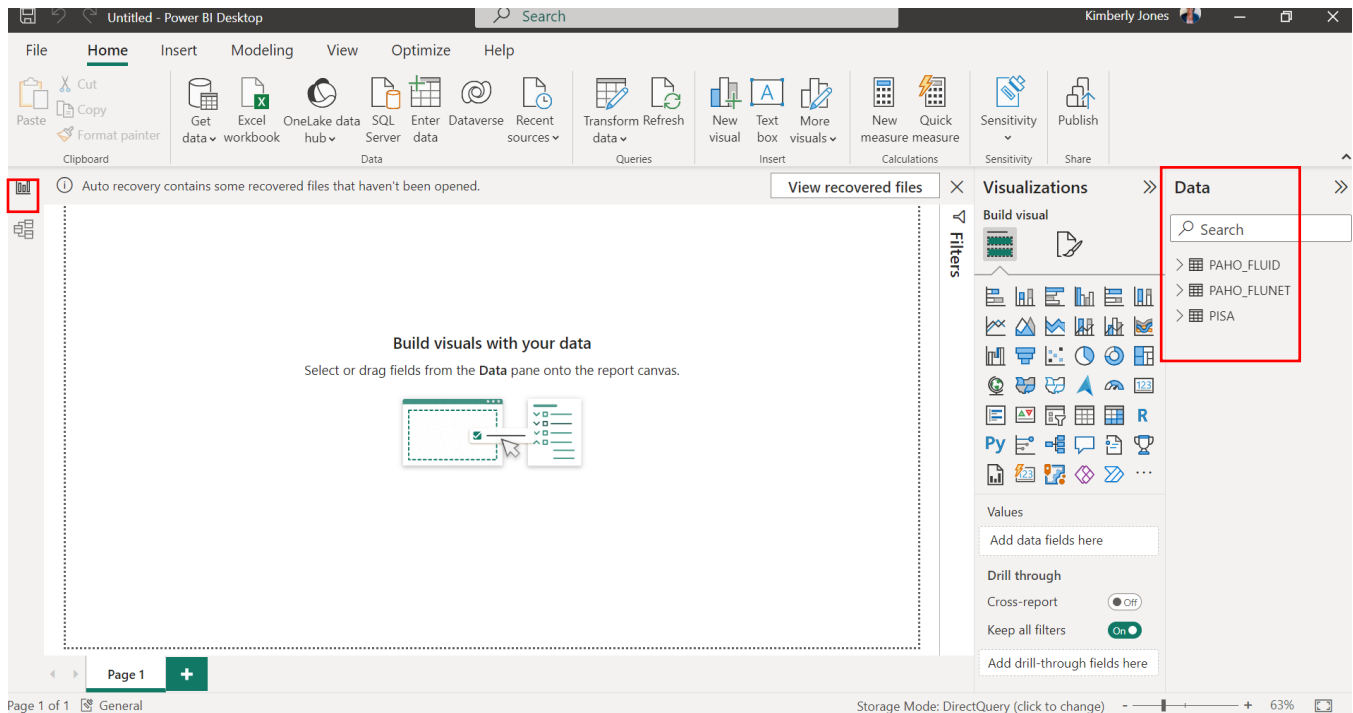


7. Close and Apply
 - a. Queries- shows the tables loaded.
 - b. Applied Steps- shows data that was transformed or changed.

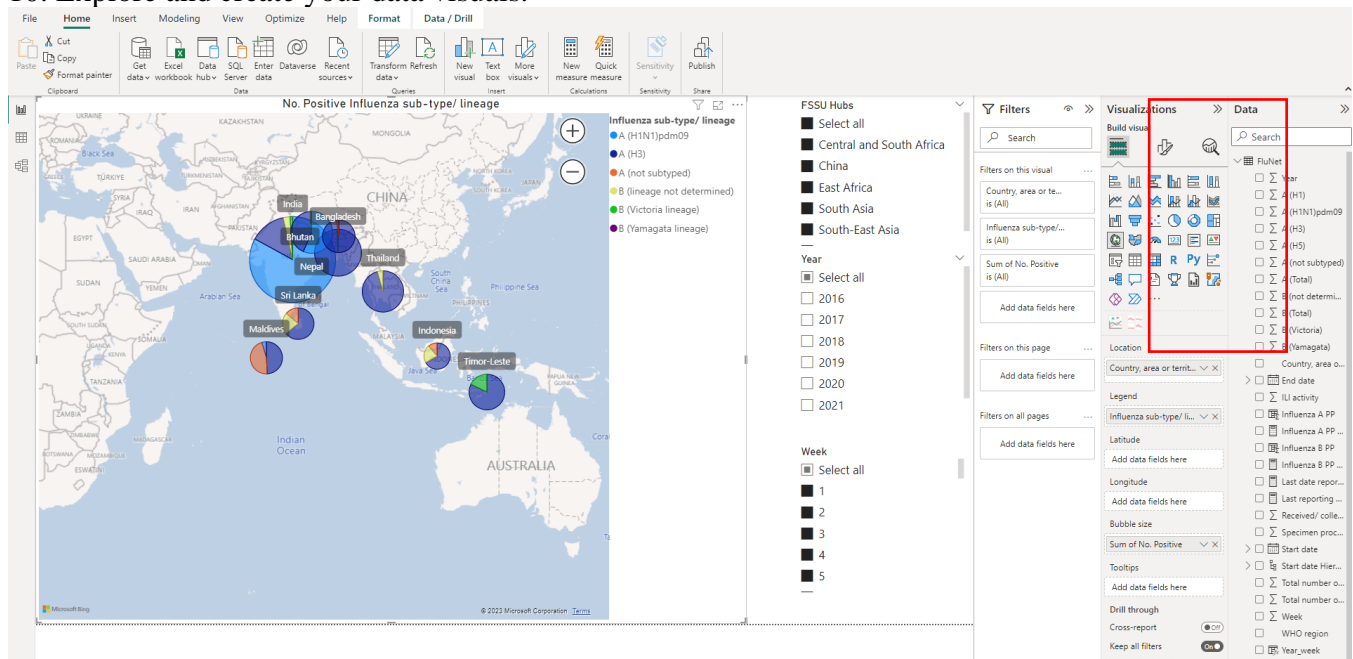



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8. Click on the Report icon to the left of the screen.
 - a. Data will show on the right side of the screen to begin using for your models.



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



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