

# **PHUSE Open Data Repository (“PODR”): Connecting from Power BI.**

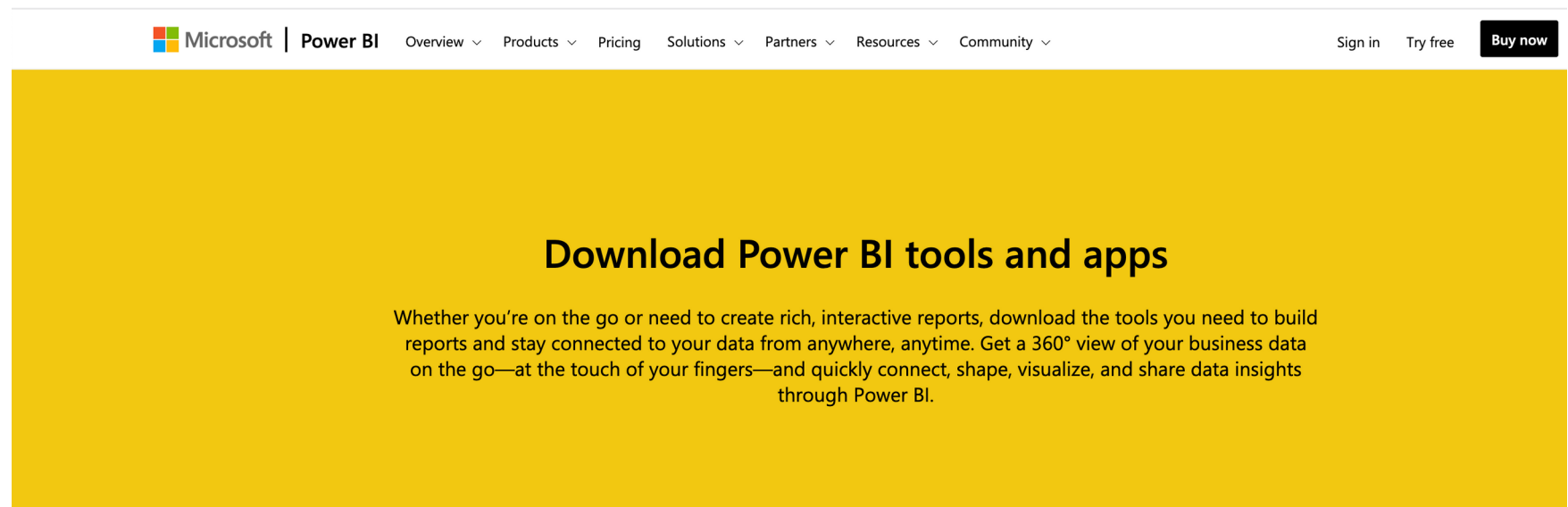


# Agenda

- Downloading Power BI Desktop
- Connecting to PHUSE's PODR
- Selecting Tables
- Building your Analysis
- Contact

# Downloading Power BI Desktop

<https://powerbi.microsoft.com/en-us/downloads/>



The screenshot shows the Microsoft Power BI website's download page. At the top is a navigation bar with the Microsoft logo, 'Power BI', and links for Overview, Products, Pricing, Solutions, Partners, Resources, and Community. On the right are links for Sign in, Try free, and a Buy now button. The main content area has a yellow background with the heading 'Download Power BI tools and apps'. Below this is a paragraph: 'Whether you're on the go or need to create rich, interactive reports, download the tools you need to build reports and stay connected to your data from anywhere, anytime. Get a 360° view of your business data on the go—at the touch of your fingers—and quickly connect, shape, visualize, and share data insights through Power BI.'



## Microsoft Power BI Desktop

With the Power BI Desktop you can visually explore your data through a free-form drag-and-drop canvas, a broad range of modern data visualizations, and an easy-to-use report authoring experience.



## Microsoft Power BI Mobile

Access your data anywhere, anytime. These native apps provide live, interactive, mobile access to your important business information.

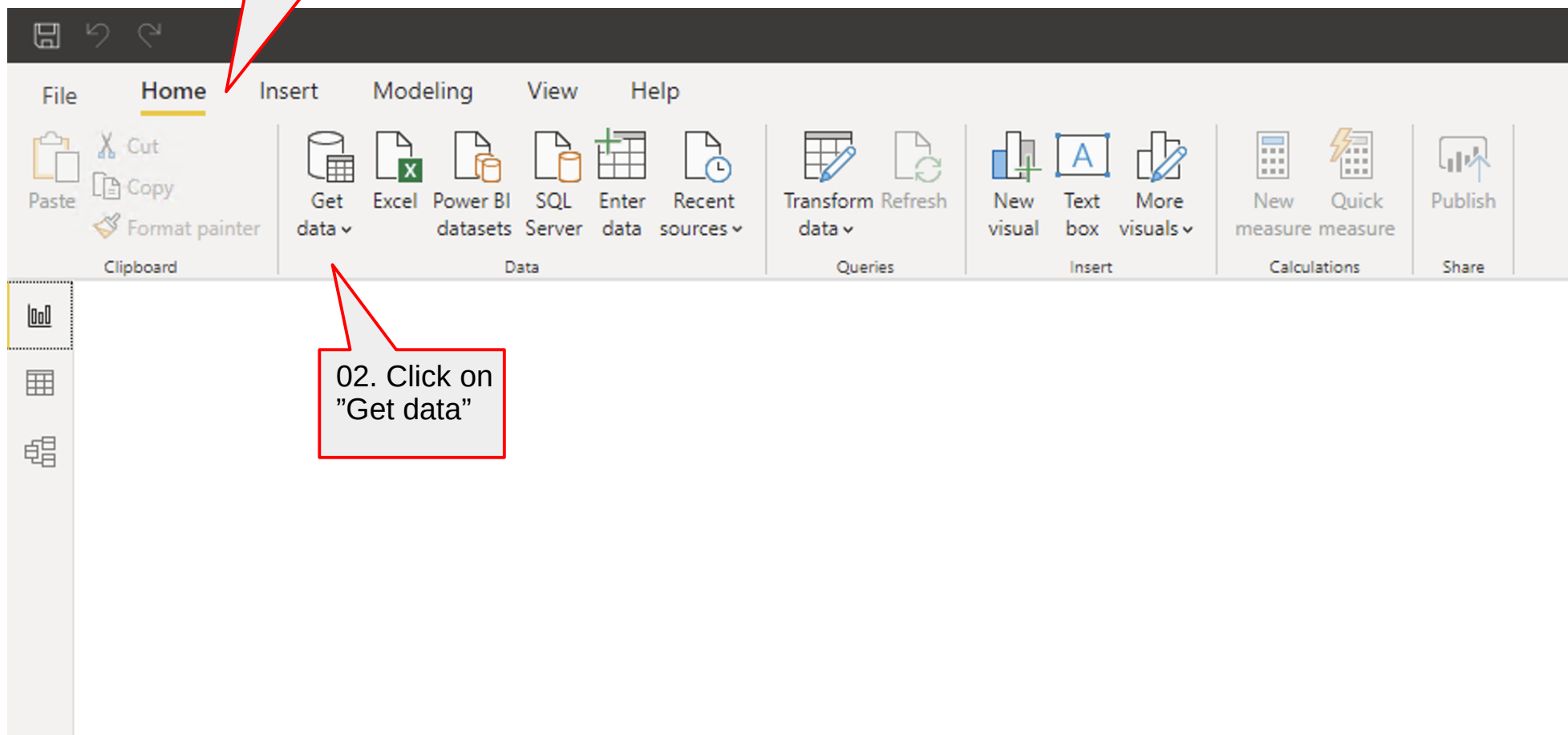


## Microsoft on-premises data gateway

Keep your dashboards and reports up to date by connecting to your on-premises data sources—without the need to move the data.

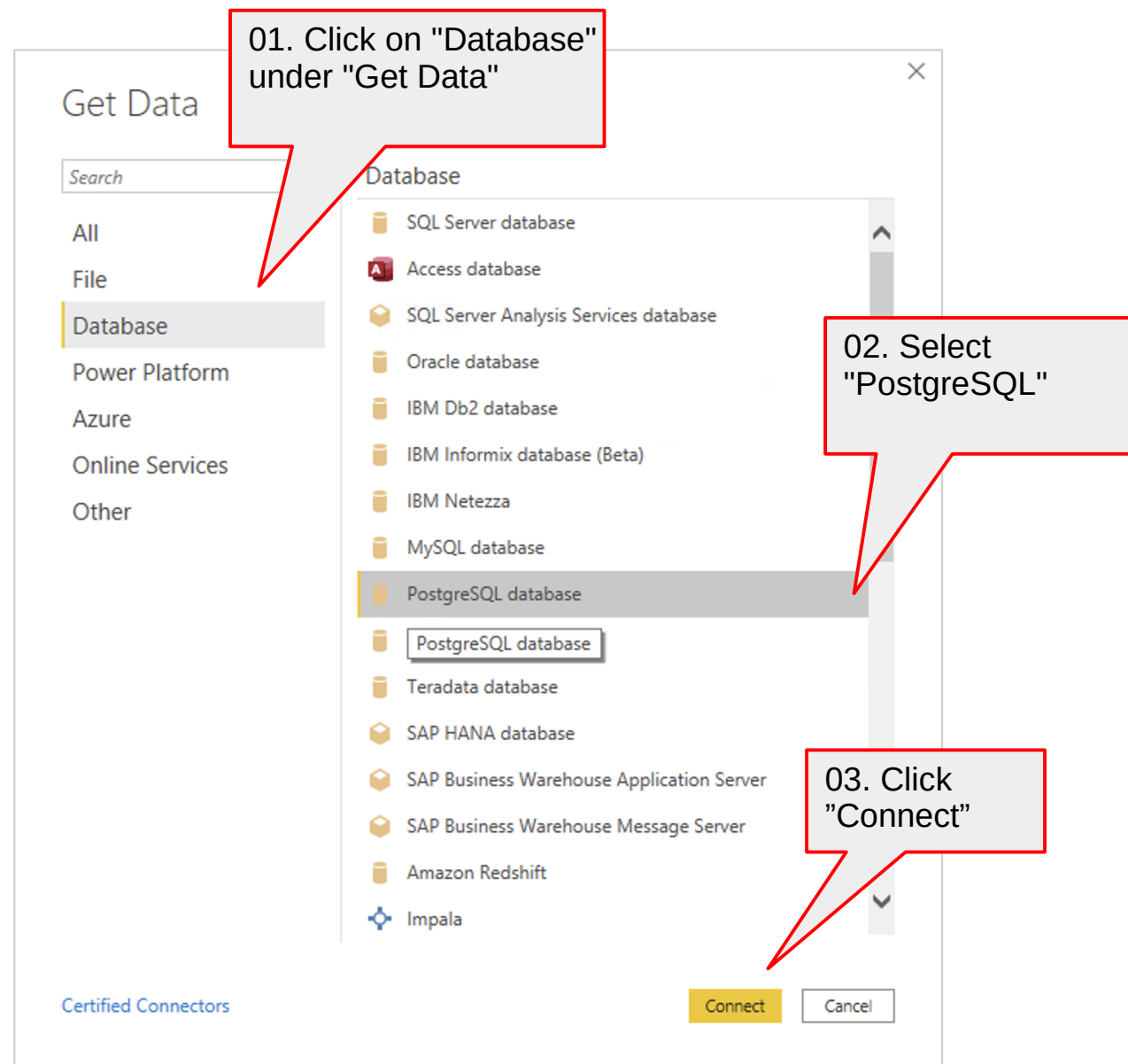
# Connecting to PHUSE's PODR

01. This is the initial screen after you launch Power BI.



02. Click on "Get data"

# Connecting to PHUSE's PODR



# Connecting to PHUSE's PODR

The screenshot shows a 'PostgreSQL database' connection window. It contains fields for 'Server' (podr.phuse.global) and 'Database' (nihpo). Under 'Data Connectivity mode', 'DirectQuery' is selected. At the bottom are 'OK' and 'Cancel' buttons. Three red callout boxes provide instructions: 01. Enter values provided to you: \* Server name \* Database; 02. Select "DirectQuery"; 03. Click "OK".

PostgreSQL database

Server  
podr.phuse.global

Database  
nihpo

Data Connectivity mode ⓘ  
☐ Import  
☒ DirectQuery

▸ Advanced options

01. Enter values provided to you:  
\* Server name  
\* Database

02. Select "DirectQuery"

03. Click "OK"

OK Cancel

# Connecting to PHUSE's PODR

The screenshot shows a PostgreSQL connection dialog box. On the left is a dark sidebar with a 'Database' tab. The main area is titled 'PostgreSQL' and shows the connection string 'podr.phuse.global;nihpo'. Below this are input fields for 'User name' and 'Password'. A dropdown menu for 'Select which level to apply these settings to' is set to 'podr.phuse.global'. At the bottom are 'Back', 'Connect', and 'Cancel' buttons. Two red callout boxes provide instructions: '01. Enter values provided to you: \* User name \* Password' points to the input fields, and '02. Click "Connect"' points to the 'Connect' button.

Database

PostgreSQL

podr.phuse.global;nihpo

User name

Password

Select which level to apply these settings to

podr.phuse.global

Back

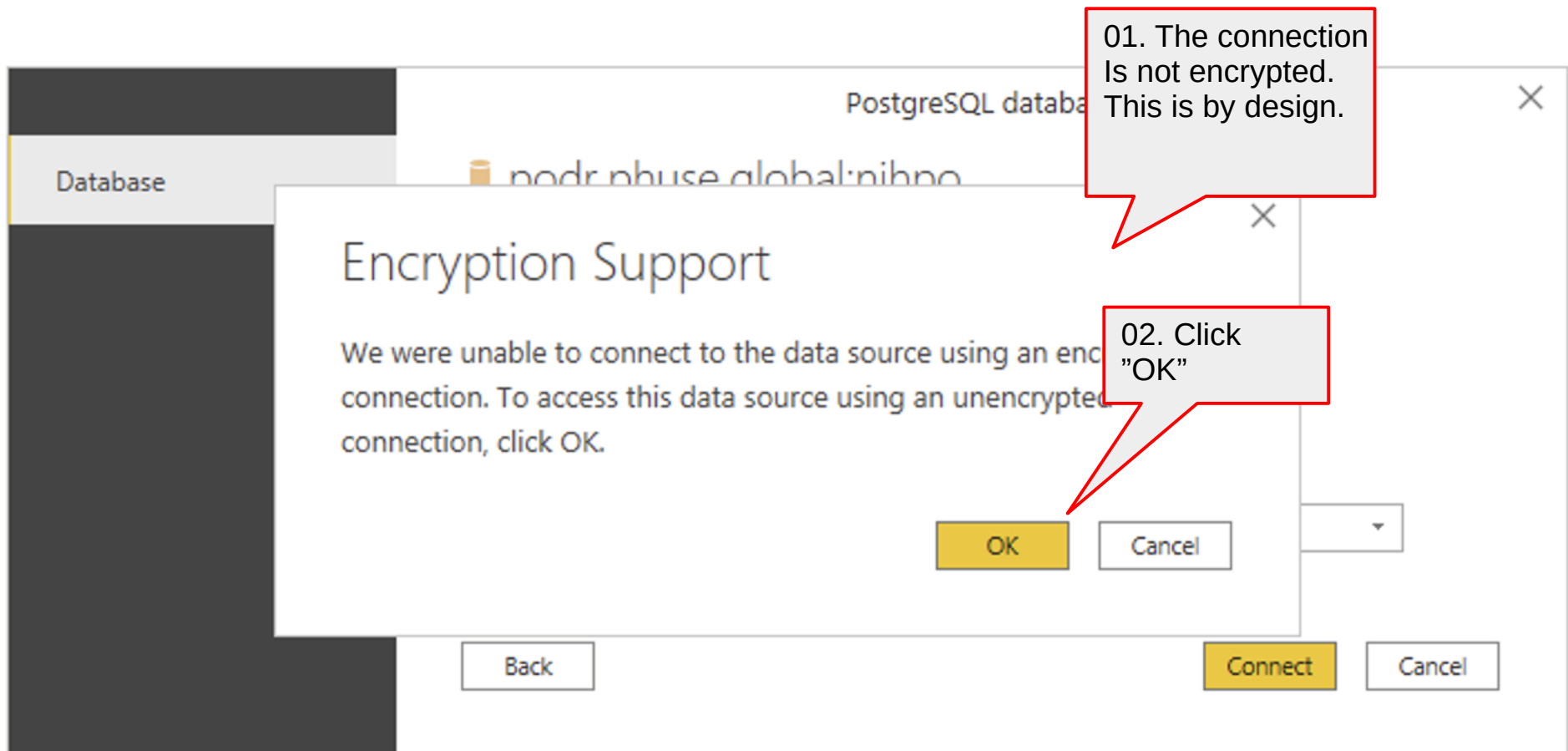
Connect

Cancel

01. Enter values provided to you:  
\* User name  
\* Password

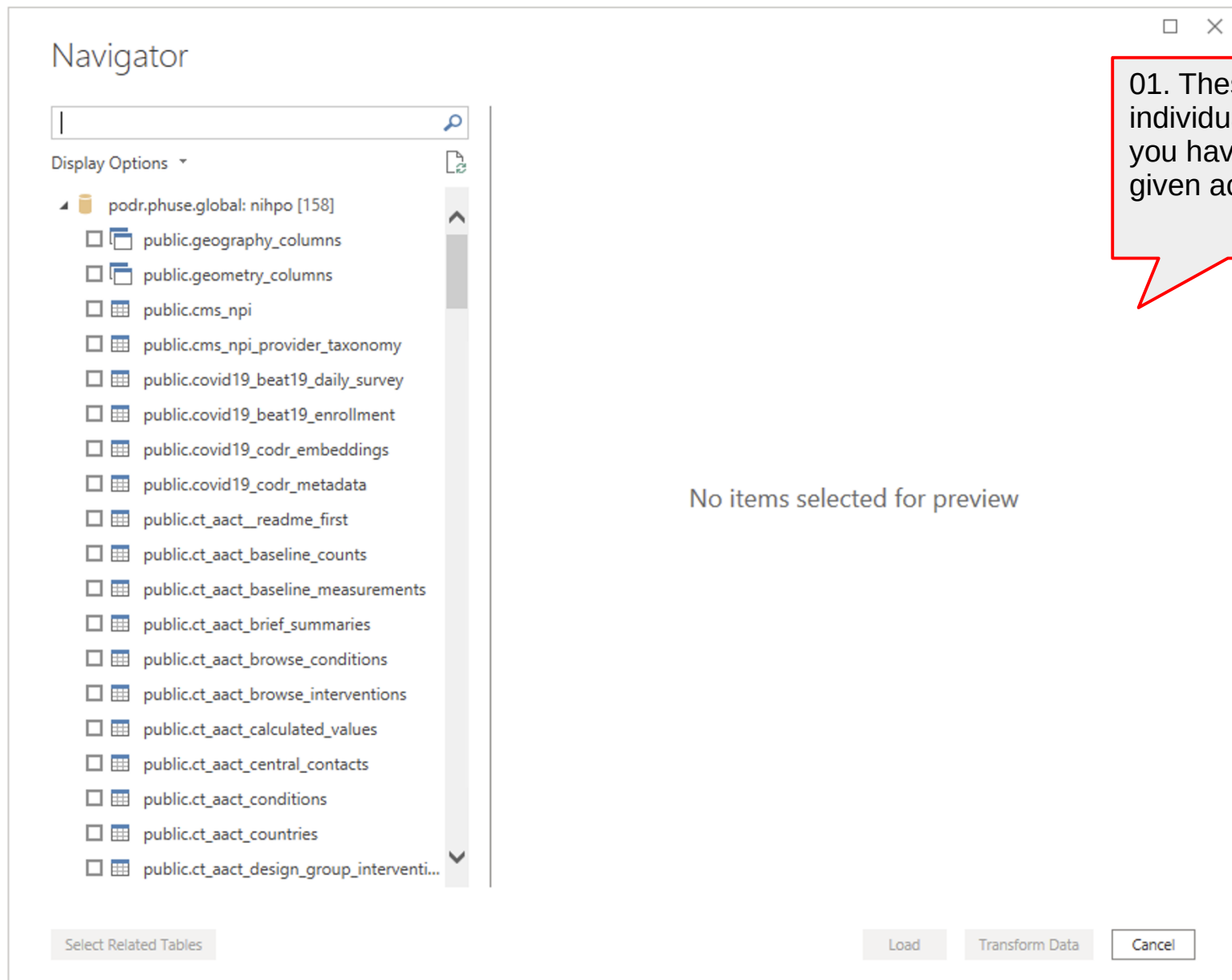
02. Click "Connect"

# Connecting to PHUSE's PODR





# Connecting to PHUSE's PODR



# Selecting Tables

01. Click to select the tables you want to include in your analysis.

Navigator

Display Options ▾

- podr.phuse.global: nihpo [158]
  - ☐ public.geography\_columns
  - ☐ public.geometry\_columns
  - ☐ public.cms\_npi
  - ☐ public.cms\_npi\_provider\_taxonomy
  - ☒ public.covid19\_beat19\_daily\_survey
  - ☒ public.covid19\_beat19\_enrollment
  - ☐ public.covid19\_codr\_embeddings
  - ☐ public.covid19\_codr\_metadata
  - ☐ public.ct\_aact\_readme\_first
  - ☐ public.ct\_aact\_baseline\_counts
  - ☐ public.ct\_aact\_baseline\_measurements
  - ☐ public.ct\_aact\_brief\_summaries
  - ☐ public.ct\_aact\_browse\_conditions
  - ☐ public.ct\_aact\_browse\_interventions
  - ☐ public.ct\_aact\_calculated\_values
  - ☐ public.ct\_aact\_central\_contacts
  - ☐ public.ct\_aact\_conditions
  - ☐ public.ct\_aact\_countries
  - ☐ public.ct\_aact\_design\_group\_interventi...

public.covid19\_beat19\_daily\_survey

_id	rel_date	ble_travel_pr
0003cfe800bc0152c77bdd759e9afb9c5f19621a	1	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	2	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	8	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	10	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	13	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	15	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	16	True
0003cfe800bc0152c77bdd759e9afb9c5f19621a	22	False

*The data in the preview has been truncated due to size limits.*

Select Related Tables

Load Transform Data Cancel

02. You can see a preview of the data in each selected table here.

03. Click on the "Load" button.

# Building your Analysis

The screenshot displays the Microsoft Power BI Desktop application. The top ribbon is set to 'Home', showing various toolbars for Clipboard, Data, Queries, Relationships, Security, Q&A, and Share. Below the ribbon, two data tables are visible in the main workspace:

- public covid19\_beat19\_daily\_survey**: This table contains fields such as `_id`, `ble_care_clinic`, `ble_care_covid_prompt`, `ble_care_covid_recovered`, `ble_care_covid_rel_date`, `ble_care_covid_result`, `ble_care_flu_prompt`, `ble_care_flu_result`, `ble_care_hospitalized`, `ble_care_prompt`, `ble_care_telemedicine`, `ble_concerned`, and `ble_household_risk`.
- public covid19\_beat19\_enrollment**: This table contains fields such as `_id`, `age`, `bmi`, `country`, `ethnicity`, `exercise`, `exposure`, `gender`, `hcv_setting`, `health_status`, `household_size`, and `race`.

A red speech bubble on the right side of the interface contains the text: "01. Build your analysis here."



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