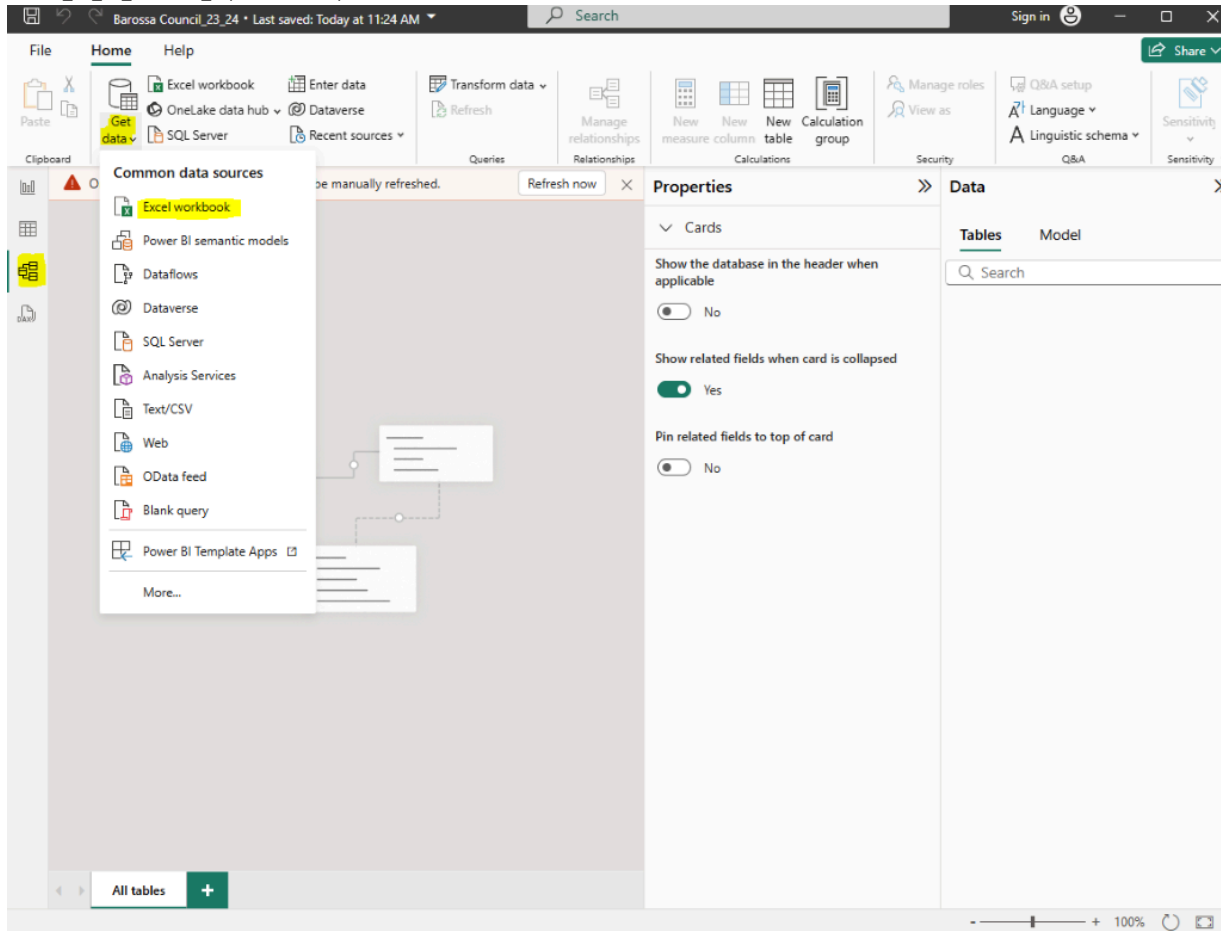


Single Year Power BI Without Python by Anubhav and Jason

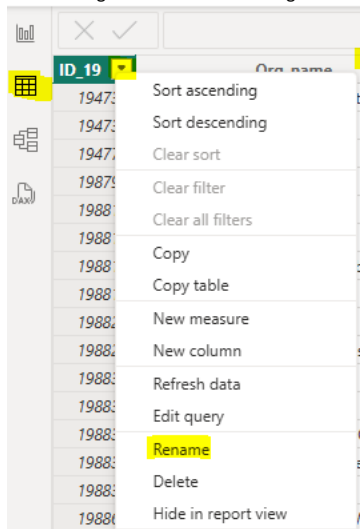
Thursday, February 13, 2025 12:25 PM

No Python Coding Needed

1. Ensure that all prerequisite files required to run the code are present in the same directory. The relevant files are :
 - a. CiviCRM_Export e.g. Barossa Council_24_25_CiviCRM
 - b. Data.Gov Export e.g. Barossa Council_24_25_DataGov_export
 - c. GA4_export for that financial yr e.g. GA4_export_24_25
2. Navigate the [PowerBI OneYear](#) Template file found at Data Analytics Team -> Editor HOWTOs -> Google Analytics 4 Steps.
3. Download a copy of the template and paste it in your working directory rename the file **Council_Yearfrom_YearTo** e.g. Barossa Council_23_24.
4. Start by adding the **PowerBI** excel file e.g. *_PowerBI_BarossaCouncil* and **Data.gov export** e.g. *Barossa Council_23_24_DataGov_export* to the report.

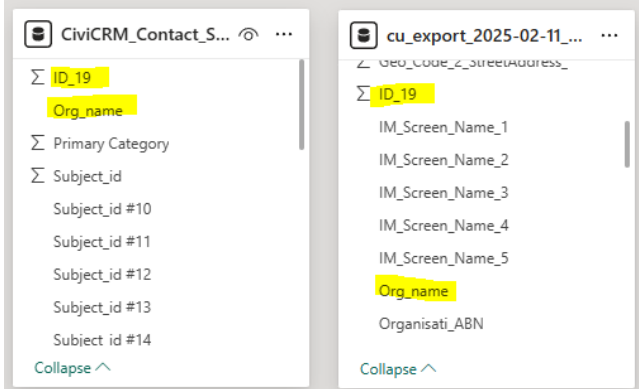


5. Rename Organisation name and Organisation ID to keep constant between CiviCRM and Data.Gov export.

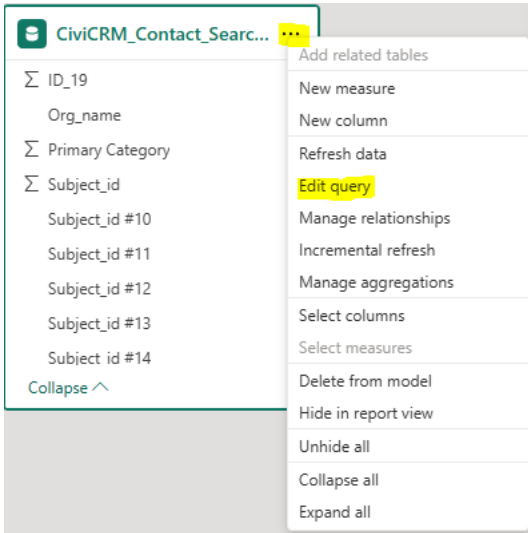




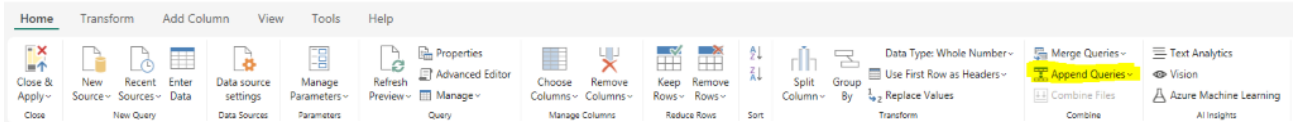
6. If success, it should be like this



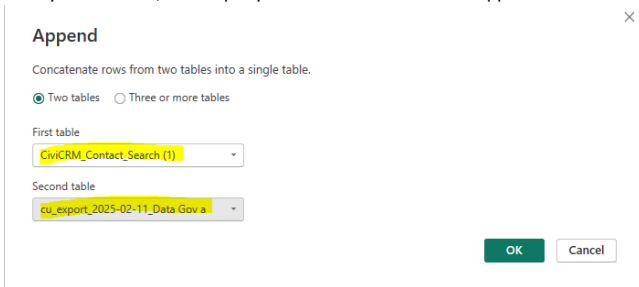
7. Click **Edit query** in CiviCRM.



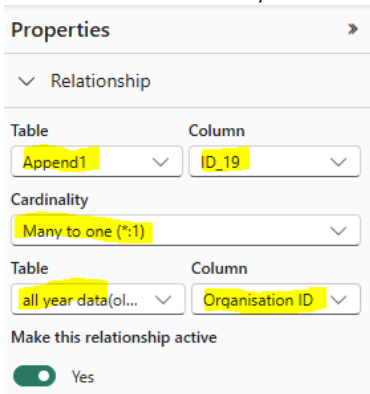
8. Click **Append queries as new**, choose **two tables** then pick **CiviCRM** and **Data.Gov**.



9. After you select OK, a new query is created with two tables appended.



10. Then link the new table with all year data.



Cross-filter direction
 Single

Apply security filter in both directions
 No

Apply changes

Open relationship editor

11. Hide the CiviCRM and Data.Gov table.

CiviCRM_Contact_S...

- Σ ID_19
- Org_name
- Σ Primary Category
- Σ Subject_id
- Subject_id #10
- Subject_id #11
- Subject_id #12
- Subject_id #13
- Subject id #14

Collapse ^

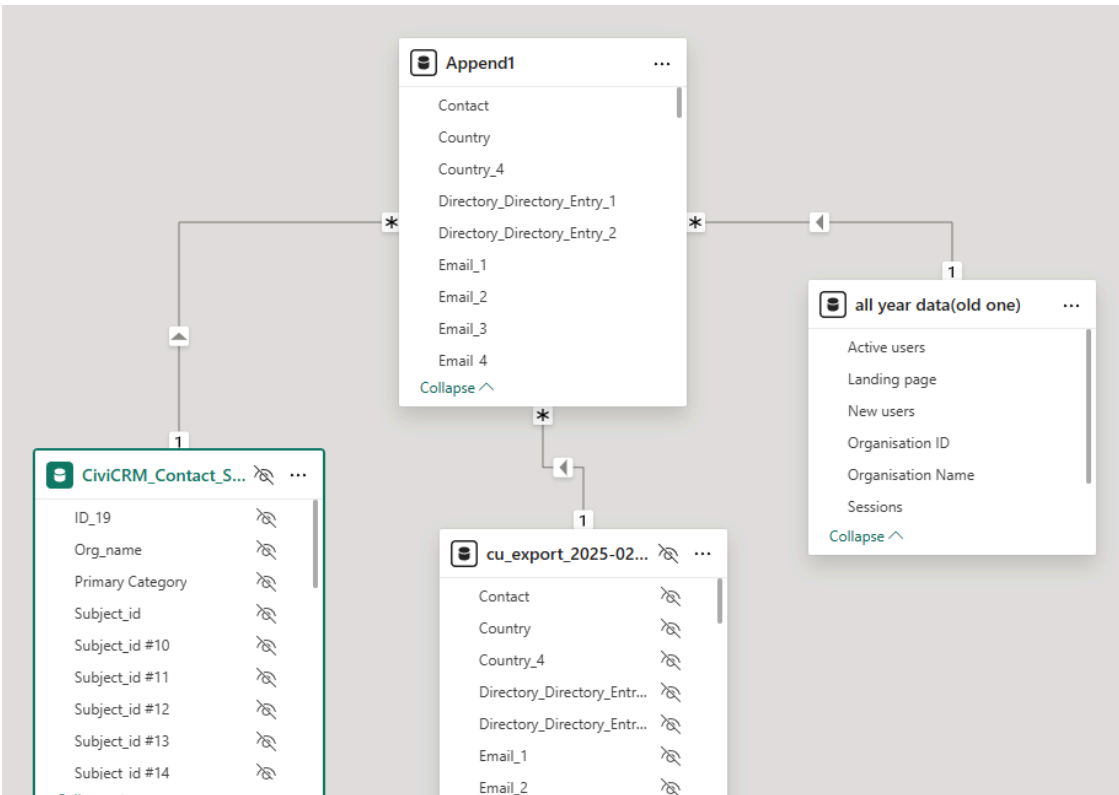
12. This will be the final relationship map with all relationship Many to one.

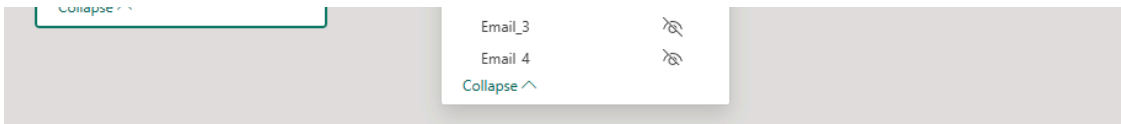
Manage relationships



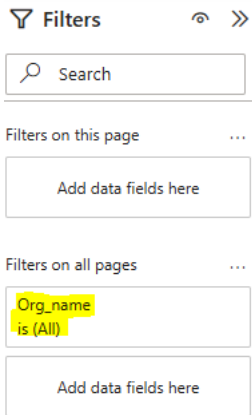
+ New relationship Autodetect Edit Delete Filter

<input type="checkbox"/>	From: table (column) ↑	Relationship	To: table (column)	Status
<input type="checkbox"/>	Append1 (ID_19)	* ← 1	CiviCRM_Contact_Search (1) (I...	Active ...
<input type="checkbox"/>	Append1 (ID_19)	* ← 1	all year data(old one) (Organis...	Active ...
<input type="checkbox"/>	Append1 (Org_name)	* ← 1	cu_export_2025-02-11_Data G...	Active ...





13. Put **Org_name** from **Append1** under **Filter on all pages**.



14. Then follow [Single Year Power BI implementation](#) step 6 and so on.