

LAPORAN WEEK 13
“DASAR DATA MODELLING EXCEL”

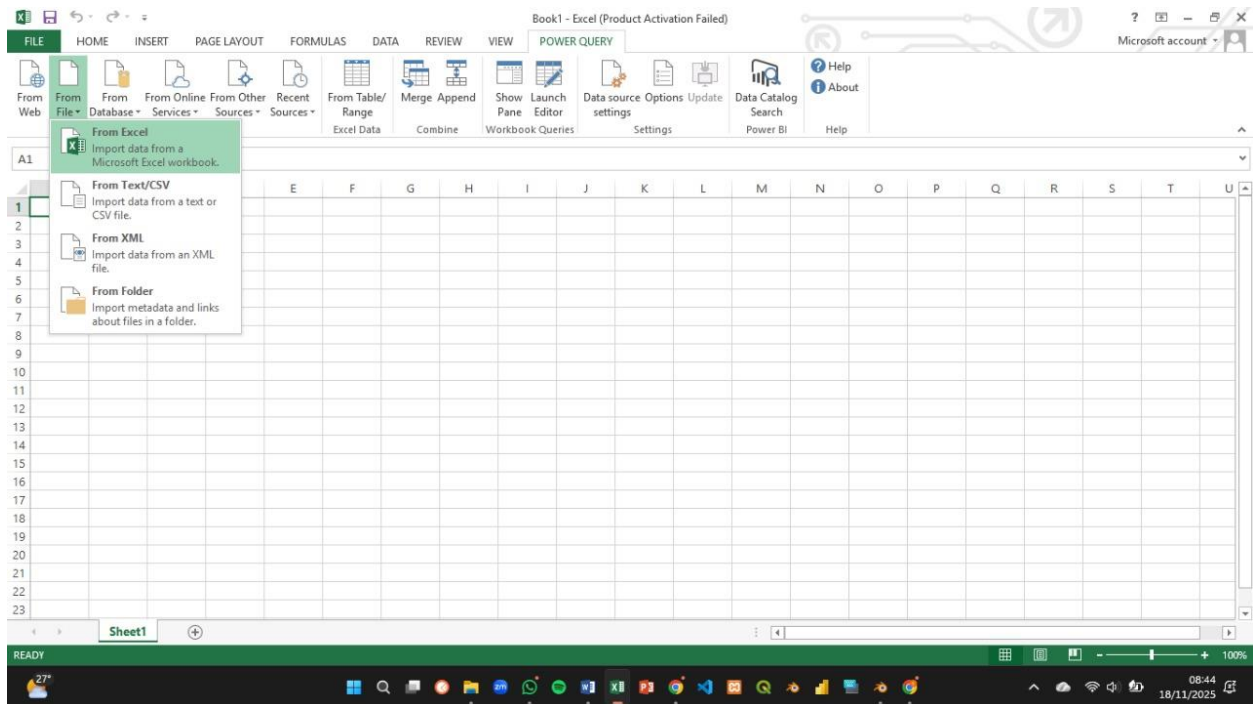


DOSEN PENGAMPU :
Faisal Lutfi Afriansyah, S.Kom., M.T

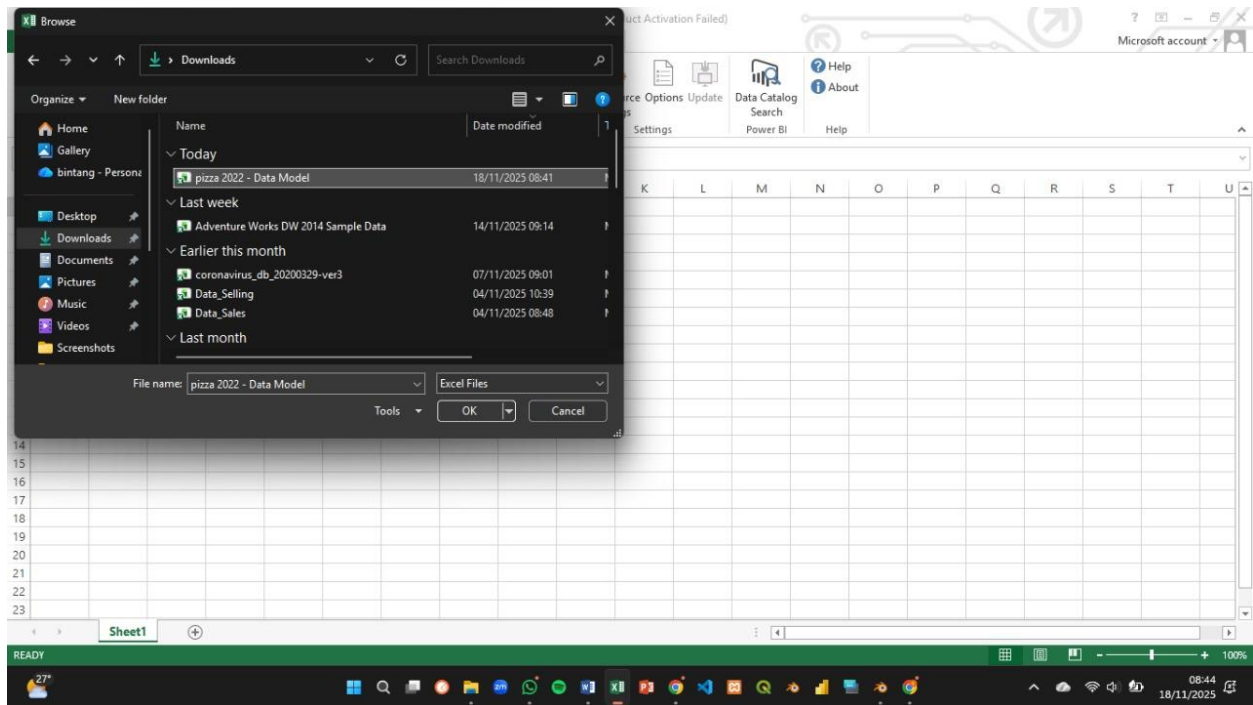
DISUSUN OLEH:
Bintang Tharisa Syafira
E31240143
Golongan A

PROGRAM STUDI MANAJEMEN INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI POLITEKNIK
NEGERI JEMBER
2025

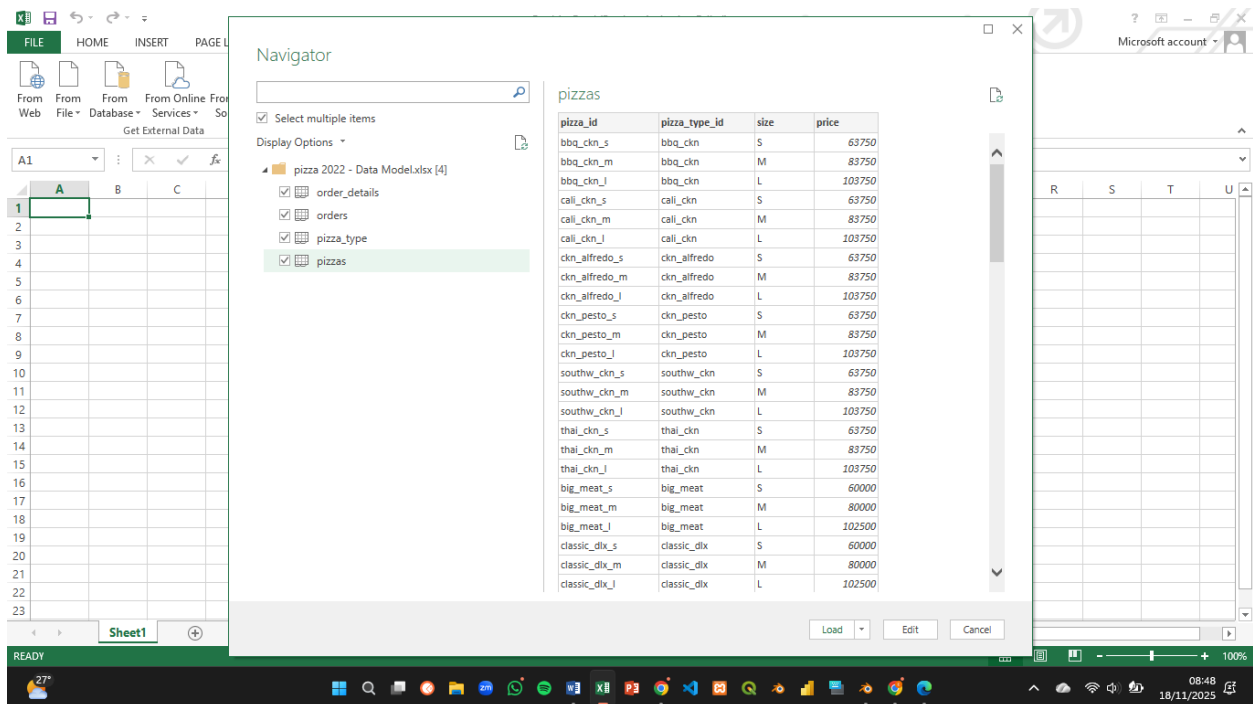
1. Pertama, kita klik get data kemudian klik from Excel



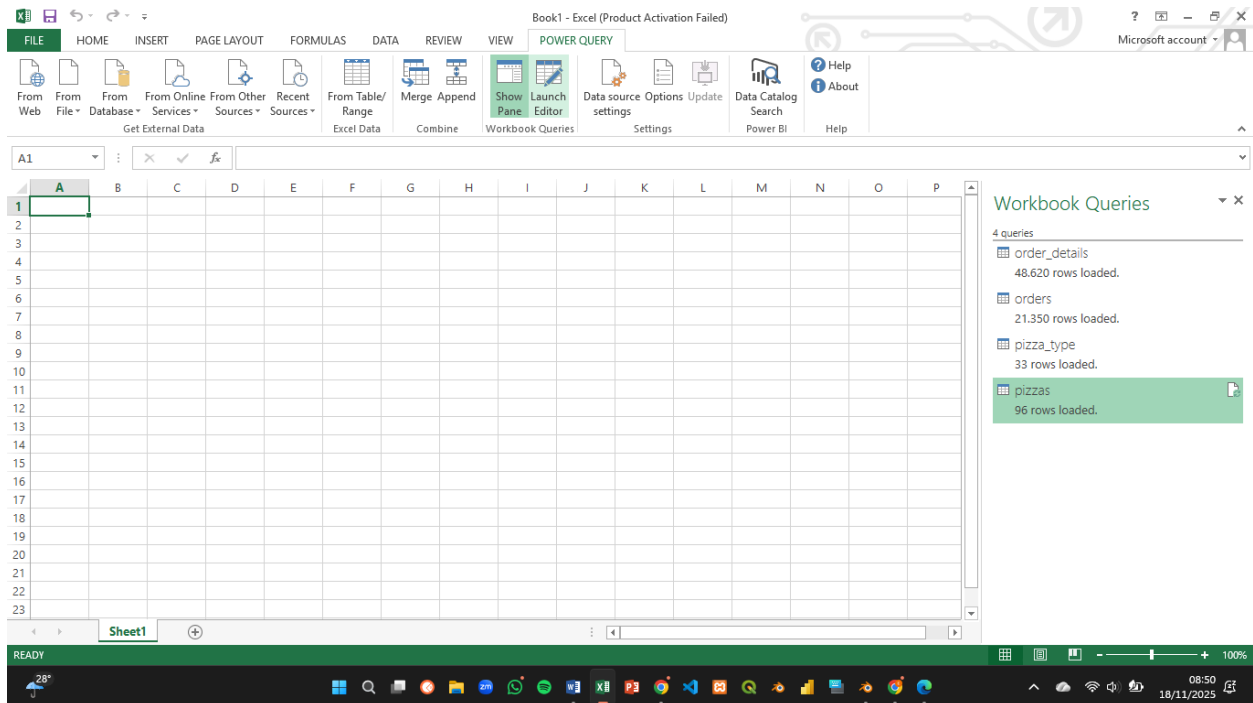
2. Kemudian pilih file excel yang telah ditentukan.



3. Kemudian centang select multiple items, dan centang semua sheet/tabel yang ada.



4. Klik Launch Editor untuk mengedit tabel yang telah kita punya.



5. Remove kolom yang tidak digunakan dalam tabel orders.

The screenshot shows the Microsoft Excel interface with the Power Query Editor open. The 'orders' table is loaded with 4 columns: order_id, date, time, and Column4. The 'Query Settings' pane on the right shows the 'APPLIED STEPS' list, which includes 'Removed Blank Rows'. The status bar at the bottom indicates '4 COLUMNS, 999+ ROWS'.

order_id	date	time	Column4
1	01/01/2022	31/12/1899 11:38:36	null
2	01/01/2022	31/12/1899 11:57:40	null
3	01/01/2022	31/12/1899 12:12:28	null
4	01/01/2022	31/12/1899 12:16:31	null
5	01/01/2022	31/12/1899 12:21:30	null
6	01/01/2022	31/12/1899 12:29:36	null
7	01/01/2022	31/12/1899 12:50:37	null
8	01/01/2022	31/12/1899 12:51:37	null
9	01/01/2022	31/12/1899 12:52:01	null
10	01/01/2022	31/12/1899 13:00:15	null
11	01/01/2022	31/12/1899 13:02:59	null
12	01/01/2022	31/12/1899 13:04:41	null
13	01/01/2022	31/12/1899 13:11:55	null
14	01/01/2022	31/12/1899 13:14:19	null
15	01/01/2022	31/12/1899 13:33:00	null

Ini hasilnya setelah kolom tersebut dihapus.

The screenshot shows the Microsoft Excel interface with the Power Query Editor open. The 'orders' table is now loaded with 3 columns: order_id, date, and time. The 'Query Settings' pane on the right shows the 'APPLIED STEPS' list, which includes 'Removed Columns'. The status bar at the bottom indicates '3 COLUMNS, 999+ ROWS'.

order_id	date	time
1	01/01/2022	31/12/1899 11:38:36
2	01/01/2022	31/12/1899 11:57:40
3	01/01/2022	31/12/1899 12:12:28
4	01/01/2022	31/12/1899 12:16:31
5	01/01/2022	31/12/1899 12:21:30
6	01/01/2022	31/12/1899 12:29:36
7	01/01/2022	31/12/1899 12:50:37
8	01/01/2022	31/12/1899 12:51:37
9	01/01/2022	31/12/1899 12:52:01
10	01/01/2022	31/12/1899 13:00:15
11	01/01/2022	31/12/1899 13:02:59
12	01/01/2022	31/12/1899 13:04:41
13	01/01/2022	31/12/1899 13:11:55
14	01/01/2022	31/12/1899 13:14:19
15	01/01/2022	31/12/1899 13:33:00

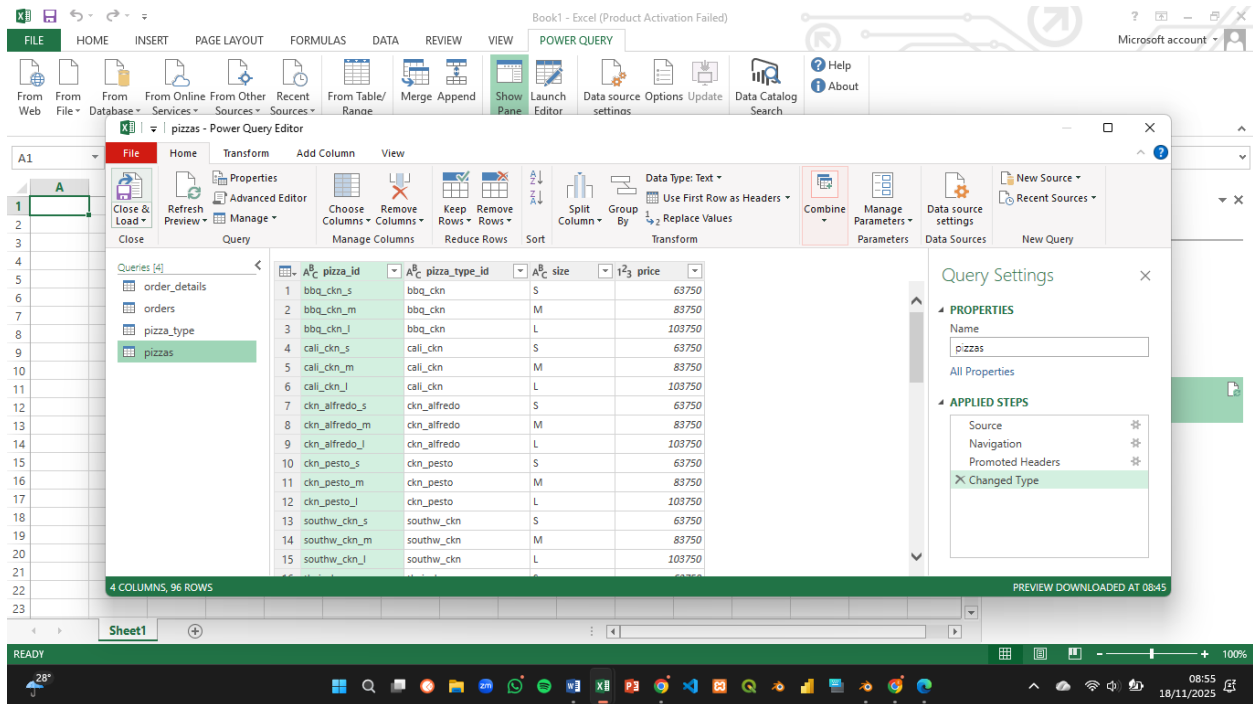
6. Di dalam tabel pizza_type nama kolomnya masih belum sesuai, sehingga kita bisa klik use first row as header.

The screenshot shows the Power Query Editor window. The ribbon has tabs for File, Home, Transform, Add Column, and View. The 'Transform' tab is active, and the 'Use First Row as Headers' button is highlighted. The data table has 4 columns and 33 rows. The columns are labeled Column1, Column2, Column3, and Column4. The data includes pizza_type_id, name, category, and ingredients. The 'Use First Row as Headers' button is highlighted in the ribbon.

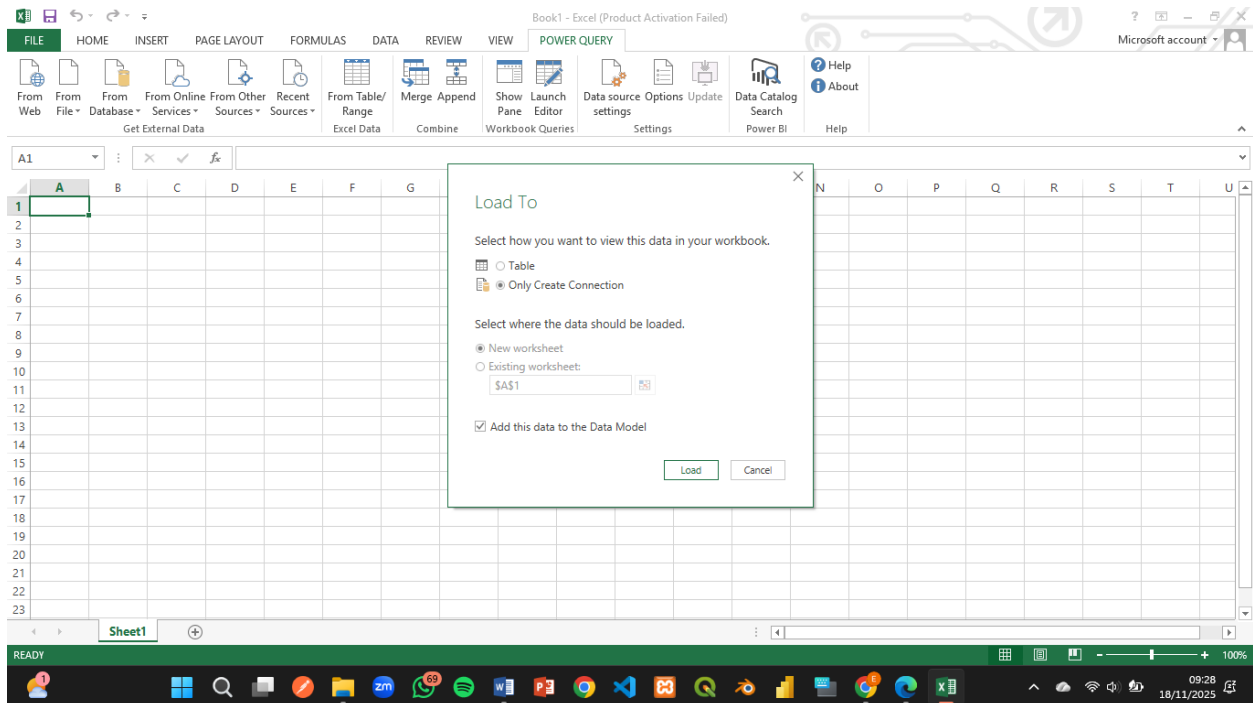
Ini hasil setelah first row digunakan untuk header.

The screenshot shows the Power Query Editor window after the first row has been used as headers. The columns are now labeled pizza_type_id, name, category, and ingredients. The 'Changed Type' step is visible in the Applied Steps pane. The data table has 4 columns and 32 rows.

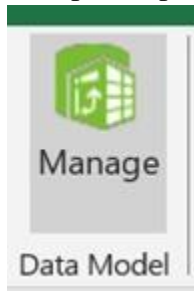
7. Kemudian setelah selesai klik close and load.



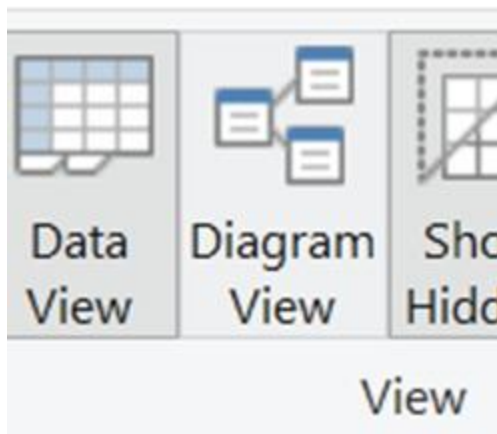
8. Select only create connection dan add this to te data model



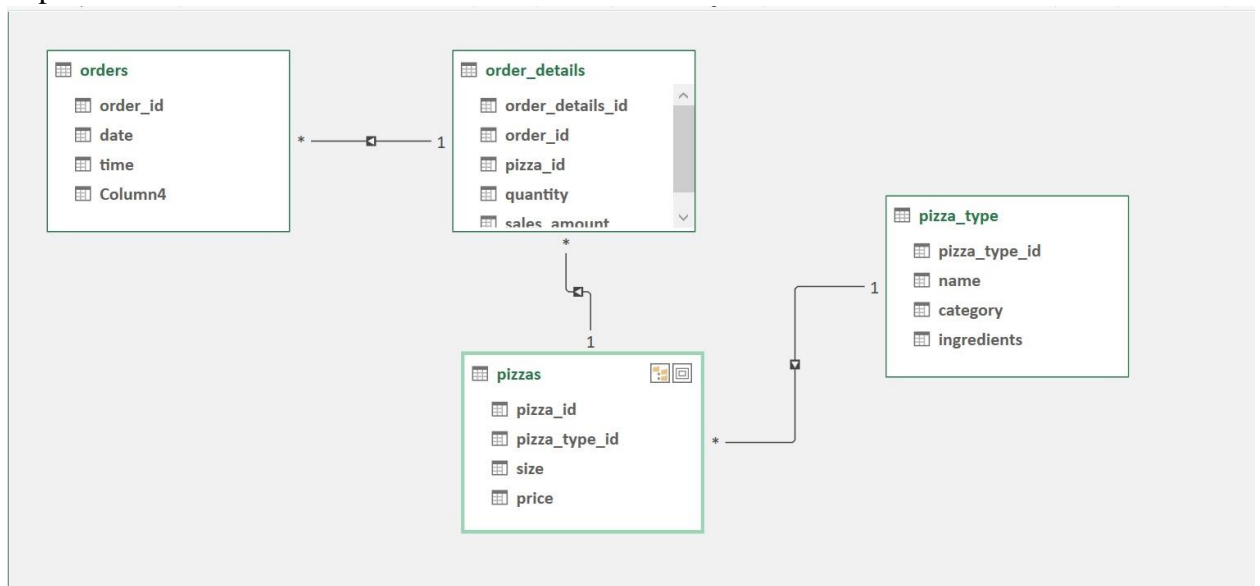
9. Klik power pivot kemudian klik manage



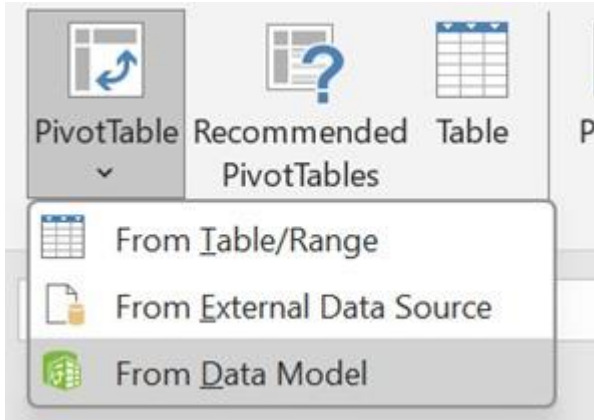
10. Kemudian klik diagram view



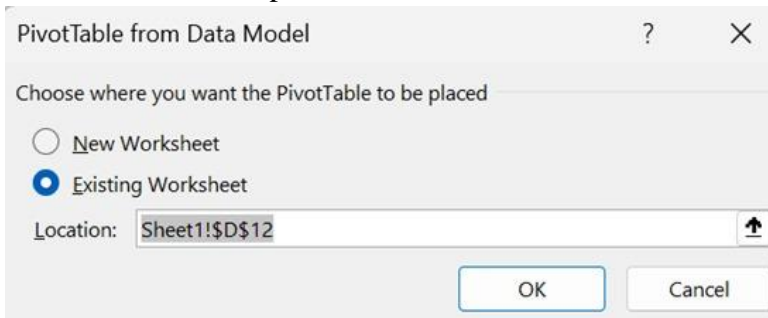
11. Selanjutnya akan muncul bagian diagram ini dan koneksikan antar tabel sesuai dengan bkpm.



12. Kemudian klik insert – pivot tabel – form data model



13. Lalu akan muncul seperti ini, kemudian klik OK



14. Kemudian akan muncul seperti ini untuk hasil dari pivot dan modelling nya

11							
12	Sum of sales_amount	Column Labels					
13	Row Labels	L	M	S	XL	XXL	Grand Total
14	Chicken	511695000	326122500	141780000			979597500
15	Classic	372592500	302908750	349351250	70380000	5033000	1100265500
16	Supreme	471292500	332375000	237317500			1040985000
17	Veggie	521013500	285505000	161933750			968452250
18	Grand Total	1876593500	1246911250	890382500	70380000	5033000	4089300250
19							

PivotTable Fields

Active

All

Choose fields to add to report:

Search

order_details

order_details_id

Drag fields between areas below:

Filters

Columns

size

Rows

category

Values

Sum of sales_amount

☐ Defer Layout Update

Update