

## **LAPORAN LITERASI DIGITAL**

**“MINGGU 13”**



**DOSEN PENGAMPU:**

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**DISUSUNN OLEH:**

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**PROGRAM STUDI MANAJEMEN INFORMATIKA**

**JURUSAN TEKNOLOGI INFORMASI**

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## 1. DATA MODELING EXCEL

### a) Menyiapkan data dan di transformasi

The screenshot shows the Microsoft Excel ribbon with the 'Data Model' tab selected. A 'Navigator' dialog box is open, listing four tables: 'pizzas', 'pizzas\_type', 'orders', and 'order\_details'. The 'pizzas' table is currently selected. The main worksheet area displays data from the 'pizzas' table, which includes columns like 'pizza\_id', 'pizza\_type\_id', 'size', and 'price'. The data consists of various pizza entries with their respective sizes and prices.

### b) Menghapus kolom yang tidak perlu dan juga menjadikan baris pertama sebagai header di table pizzas\_type

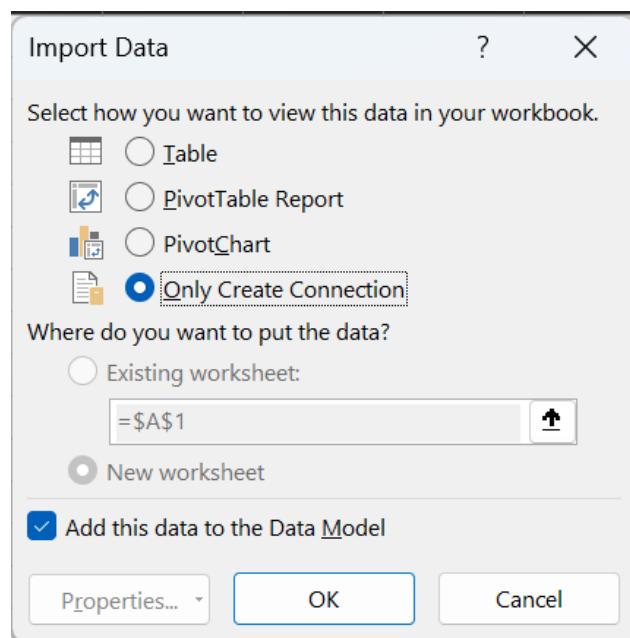
The screenshot shows the Microsoft Power BI Data Editor ribbon with the 'Transform' tab selected. The 'Transform' section of the ribbon is highlighted, showing various data transformation tools: 'Choose Columns', 'Remove Columns', 'Keep Rows', 'Remove Rows', 'Sort', 'Split Column', 'Group By', and 'Replace Values'. Below the ribbon, a table is displayed with columns labeled 'order\_id', 'date', 'time', and 'Column4'. The 'date' and 'time' columns contain specific dates and times, while 'Column4' contains null values across all rows.

Column4 ini dihapus

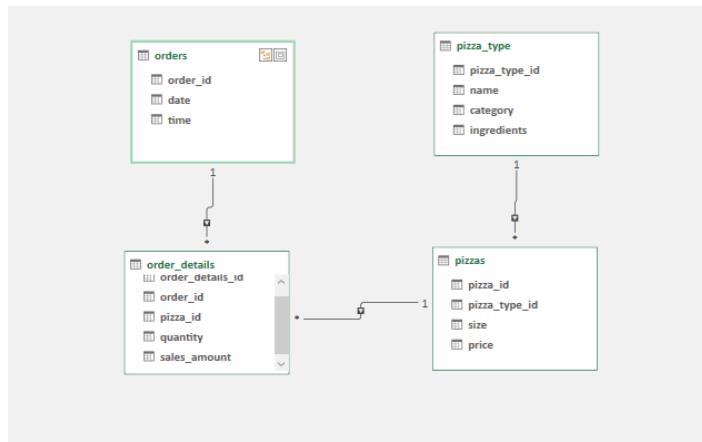
	pizza_type_id	name	category	ingredients
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomato
2	calif_ckn	The California Chicken Pizza	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, F
3	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	Chicken, Red Onions, Red Peppers, Mushrooms, Asiago C
4	ckn_pesto	The Chicken Pesto Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Spinach, Garlic, Pesto S
5	southw_ckn	The Southwest Chicken Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Pe
6	thai_ckn	The Thai Chicken Pizza	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet C
7	big_meat	The Big Meat Pizza	Classic	Bacon, Pepperoni, Italian Sausage, Chorizo Sausage
8	classic_dxk	The Classic Deluxe Pizza	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon
9	hawaiian	The Hawaiian Pizza	Classic	Sliced Ham, Pineapple, Mozzarella Cheese
10	ital_cicpollo	The Italian Capriccio Pizza	Classic	Capicoppa, Red Peppers, Tomatoes, Goat Cheese, Garlic, C
11	napolitana	The Napolitana Pizza	Classic	Tomatoes, Anchovies, Green Olives, Red Onions, Garlic
12	pep_msh_pep	The Pepperoni, Mushroom, and Peppers Pizza	Classic	Pepperoni, Mushrooms, Green Peppers
13	pepperoni	The Pepperoni Pizza	Classic	Mozzarella Cheese, Pepperoni
14	the_greek	The Greek Pizza	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chu
15	brie_carre	The Brie Carre Pizza	Supreme	Brie Carre Cheese, Prosciutto, Caramelized Onions, Pears,
16	calabrese	The Calabrese Pizza	Supreme	'Nduja Salami, Pancetta, Tomatoes, Red Onions, Frittilli
17	ital_supr	The Italian Supreme Pizza	Supreme	Calabrese Salami, Capicoppa, Tomatoes, Red Onions, Gree
18	peppr_salami	The Pepper Salami Pizza	Supreme	Genoa Salami, Capicoppa, Pepperoni, Tomatoes, Asiago C
19	prsc_argla	The Prosciutto and Arugula Pizza	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella Cheese
20	sicilian	The Sicilian Pizza	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Lugnega
21	soppressata	The Soppressata Pizza	Supreme	Soppressata Salami, Fontina Cheese, Mozzarella Cheese, I
22	spicy_itl	The Spicy Italian Pizza	Supreme	Capicoppa, Tomatoes, Goat Cheese, Artichokes, Pepperoni
23	spinach_supr	The Spinach Supreme Pizza	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, K
24	vee_cheese	The Five Cheese Pizza	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Ch
25				

Menjadikan baris pertama sebagai headers

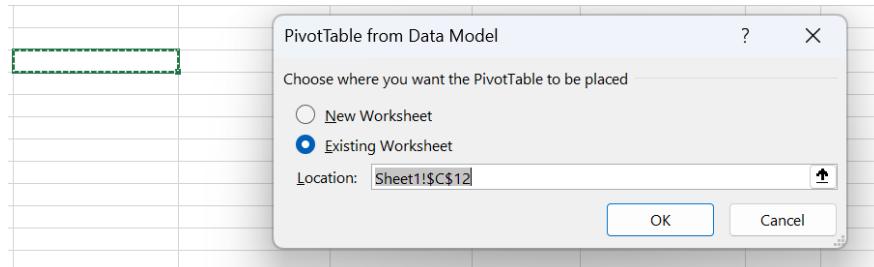
- c) Setelah data bersih, mengubah import data “only create connection” dan centang “add this data to table” dan oke



- d) Masuk ke menu power pivot dan pilih manage, ganti view dengan diagram view dan buat korelasi



e) Di excel masuk ke insert > pivot table > from data model



f) Lalu isi PivotTable fields dan pivot table berhasil dibuat

	M	S	XL	XXL	Grand Total	
<b>Sum of sales_amount</b>	Rp 511.695.000	Rp 328.122.500	Rp 141.780.000	Rp 970.597.500		
Chicken	Rp 372.592.000	Rp 302.098.750	Rp 349.351.250	Rp 70.380.000	Rp 1.100.265.500	
Supreme	Rp 141.780.000	Rp 97.597.500	Rp 237.371.500	Rp 1.300.000	Rp 1.366.452.700	
Pepperoni	Rp 121.013.000	Rp 285.565.000	Rp 161.395.000	Rp 6.452.700	Rp 546.860.700	
<b>Grand Total</b>	<b>Rp 1.876.593.500</b>	<b>Rp 1.246.511.250</b>	<b>Rp 890.382.500</b>	<b>Rp 70.380.000</b>	<b>Rp 5.033.000</b>	<b>Rp 4.089.360.250</b>

Values = sales\_amount dari orders\_details

Rows = category dari pizza\_type

Columns = size dari pizzas