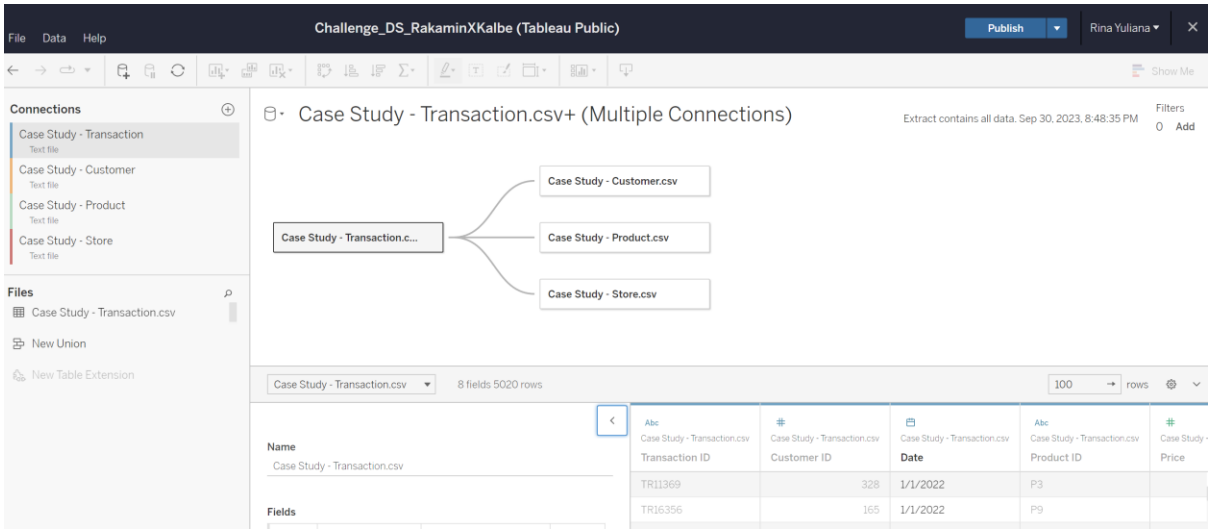
HASIL RUNNING EXPLARATORY DATA PADA DBEAVER

Data Ingestion:



Query 1:

```sql
/**
QUERY UNTUK MENENTUKAN RATA-RATA UMUR PELANGGAN BERDASARKAN MARITAL STATUS
**/
SELECT
    CASE
        WHEN "Marital Status" = '' THEN 'Unknown'
        ELSE "Marital Status"
    END AS marital_status,
    FLOOR(AVG(age)) AS avg_age
FROM kalbe.customer
GROUP BY marital_status;
```

ECT CASE WHEN "Marital Status" = '' T | Enter a SQL

marital_status	avg_age
Unknown	31
Married	43
Single	29

Query 2:

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```
/**
QUERY UNTUK MENENTUKAN RATA-RATA UMUR PELANGGAN BERDASARKAN GENDER
**/
SELECT
    CASE
        WHEN gender = 0 THEN 'Female'
        WHEN gender = 1 THEN 'Male'
    END AS customer_gender,
    FLOOR(AVG(age)) AS avg_age
FROM kalbe.customer
GROUP BY gender;
```

Results 2 | Execution plan - 1

SELECT CASE WHEN gender = 0 THEN 'Fe | Enter a SQL expression to filter results (use Ctrl+Space)

	customer_gender	avg_age
1	Female	40
2	Male	39

Query 3:

```
/**
QUERY UNTUK MENENTUKAN NAMA STORE DENGAN TOTAL QTY TERBANYAK
**/
SELECT s.storename, sum(t.qty) AS total_qty
FROM kalbe.store s
JOIN kalbe.transaction t  ON t.storeid  = s.storeid
GROUP BY s.storename
ORDER BY total_qty desc
LIMIT 1;
/**
```

store 1 | Execution plan - 1

SELECT s.storename, sum(t.qty) AS total_q | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	storename	total_qty
1	Lingga	2,777

Query 4:

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```sql
/**
QUERY UNTUK MENENTUKAN NAMA PRODUK TERLARIS DENGAN TOTAL AMT TERBANYAK
**/
SELECT p."Product Name", sum(t.totalamount) AS "Total Amount"
FROM kalbe.product p
JOIN kalbe.transaction t ON t.productid = p.productid
GROUP BY p."Product Name"
ORDER BY "Total Amount" desc
LIMIT 1;
```

product 1 | Execution plan - 1

SELECT p."Product Name", sum(t.totalamo | Enter a SQL expression to filter results (use Ctrl+Space)

Grid

	Product Name	Total Amount
1	Cheese Stick	27,615,000