E-Commerce Dashboard

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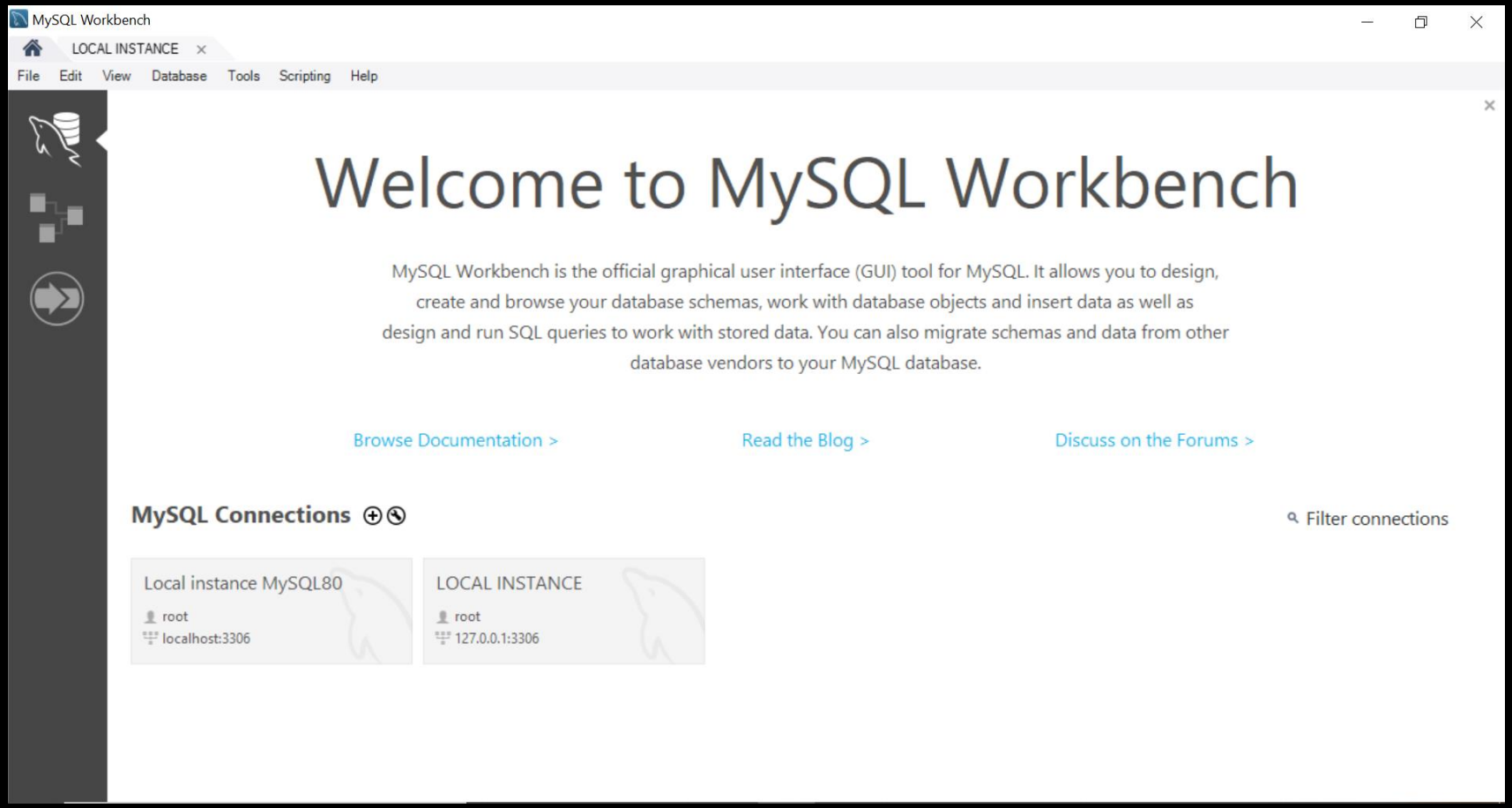
Import DataBase in MySQL



Make Queries in MYSQL

MYSQL

"Choose a shipper and enter the total cost of your subsequent orders"

```mysql
SELECT ord.OrderID,sum(pro.price) , COUNT(pro.ProductID) AS number_of_item,pro.ProductID
FROM orders ord
JOIN order_details ord_det
ON ord.OrderID = ord_det.OrderID
JOIN products pro
ON ord_det.ProductID = pro.ProductID
GROUP BY pro.ProductID
ORDER BY sum(pro.price)
```

MYSQL

"Select customers who have not placed any orders yet."

```mysql
SELECT cus.CustomerName , ord.OrderID FROM customers cus
LEFT JOIN orders ord
ON cus.CustomerID = ord.CustomerID
WHERE OrderID IS NULL
```

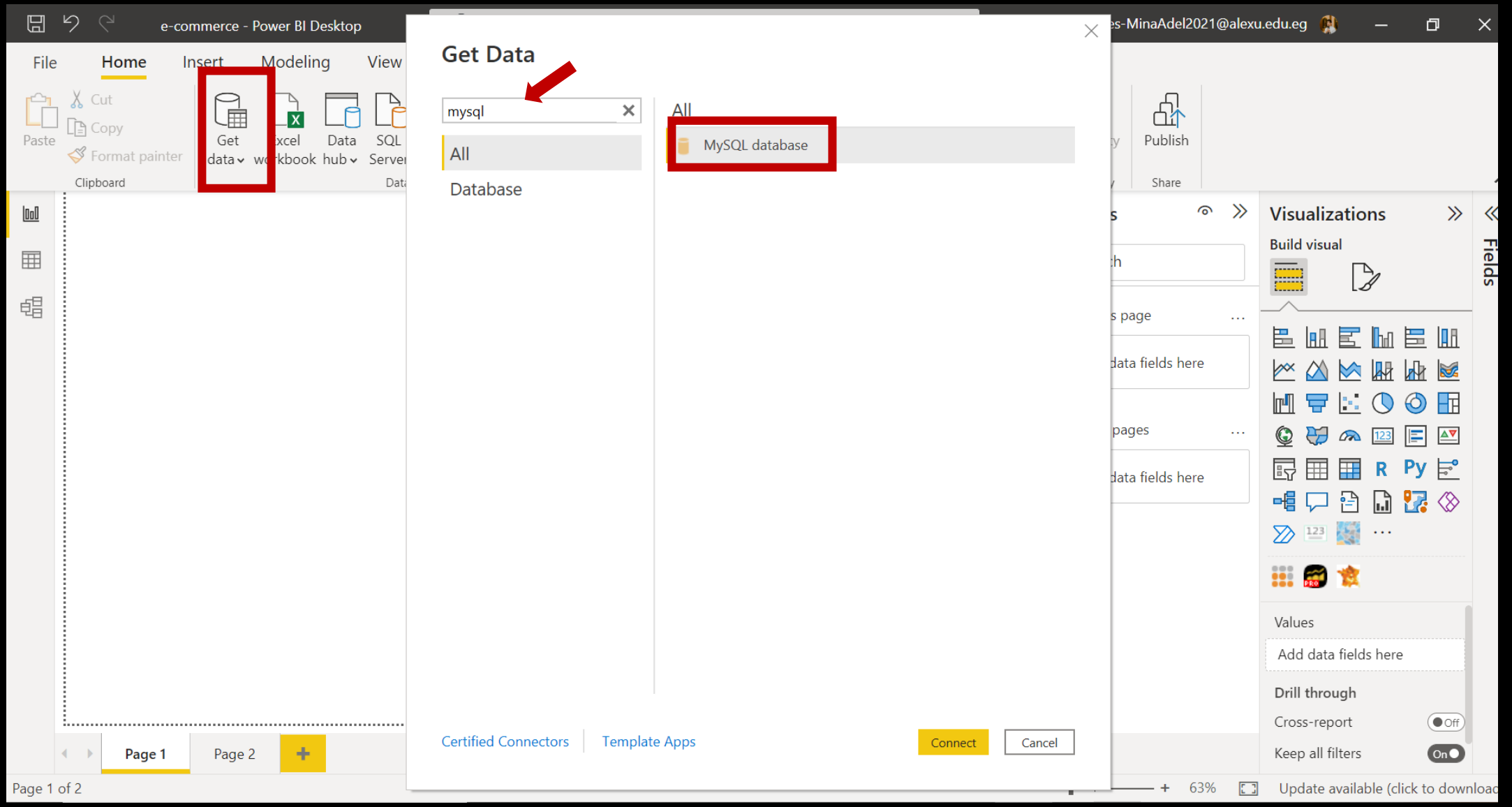
MYSQL

1- "Assign the customer's name to each product placed by the customer"

```mysql
SELECT c.CustomerName,ord.OrderID, ord_det.Quantity , pro.ProductName FROM customers c

JOIN orders ord
ON c.CustomerID = ord.CustomerID
JOIN order_details ord_det
ON ord.OrderID = ord_det.OrderID
JOIN products pro
ON pro.ProductID =  ord_det.ProductID
```

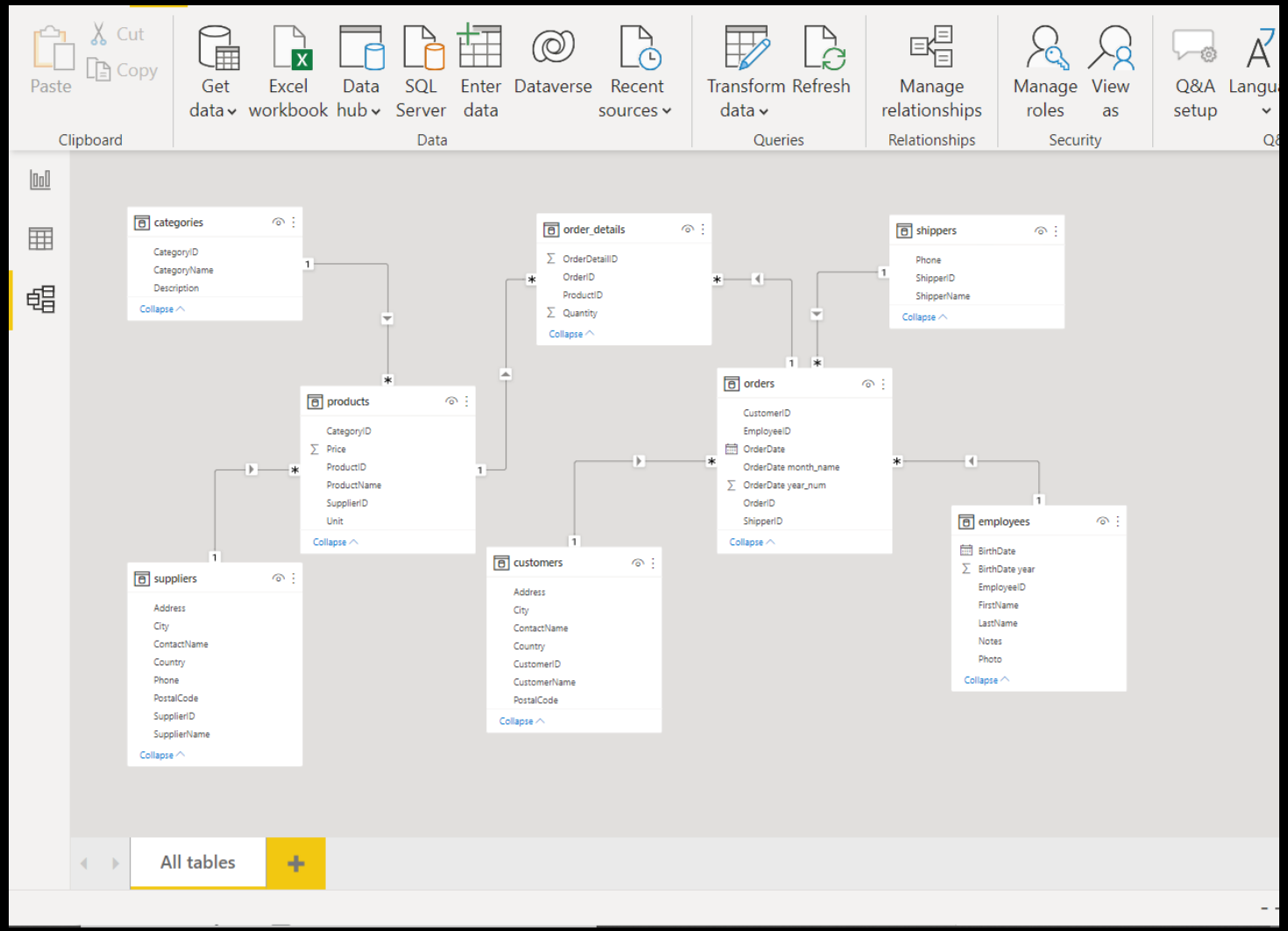
```
 "Select customer who spend the most money and live in Canada"

SELECT c.CustomerID,
       c.Country,
       c.CustomerName,
       SUM(od.Quantity * p.Price) AS TotalSpending

FROM orders o
JOIN customers c ON o.CustomerID = c.CustomerID
JOIN order_details od ON o.OrderID = od.OrderID
JOIN products p ON p.ProductID = od.ProductID
WHERE c.Country = 'Canada'
GROUP BY c.CustomerID
ORDER BY 3 DESC
LIMIT 1;
```

Connect the MYSQL to Power BI and extract the data directly into it



Data Modeling

- Data Modeling in Power Bi
- 6 Tables With Establish One-To-Many and Many-To-Many Relationships.
- Determine the Primary Key and Foreign Key



E-Commerce Dashboard

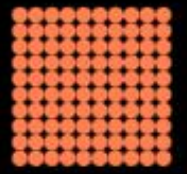
49K	2.22K	13K
Total Sales	Total Price	Total Quantity

Customers In Country

Top 3 Active Customers

1	2	3
Roland Mendel	Jean Fresnière	Jose Pavarotti
AUSTRIA	CANADA	USA
35631.21$	23362.6$	22500.06$

Shipper Mode

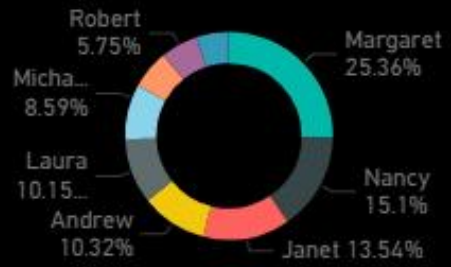


100%
United Package

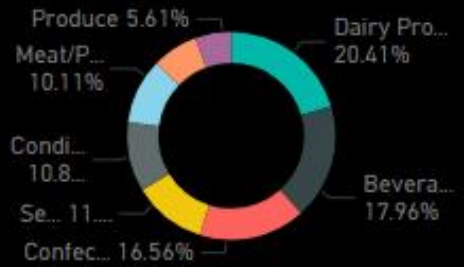
91%
Federal Shipping

74%
Speedy Express

Emploee Target



Total Quantity For Category



Total Sells per Month