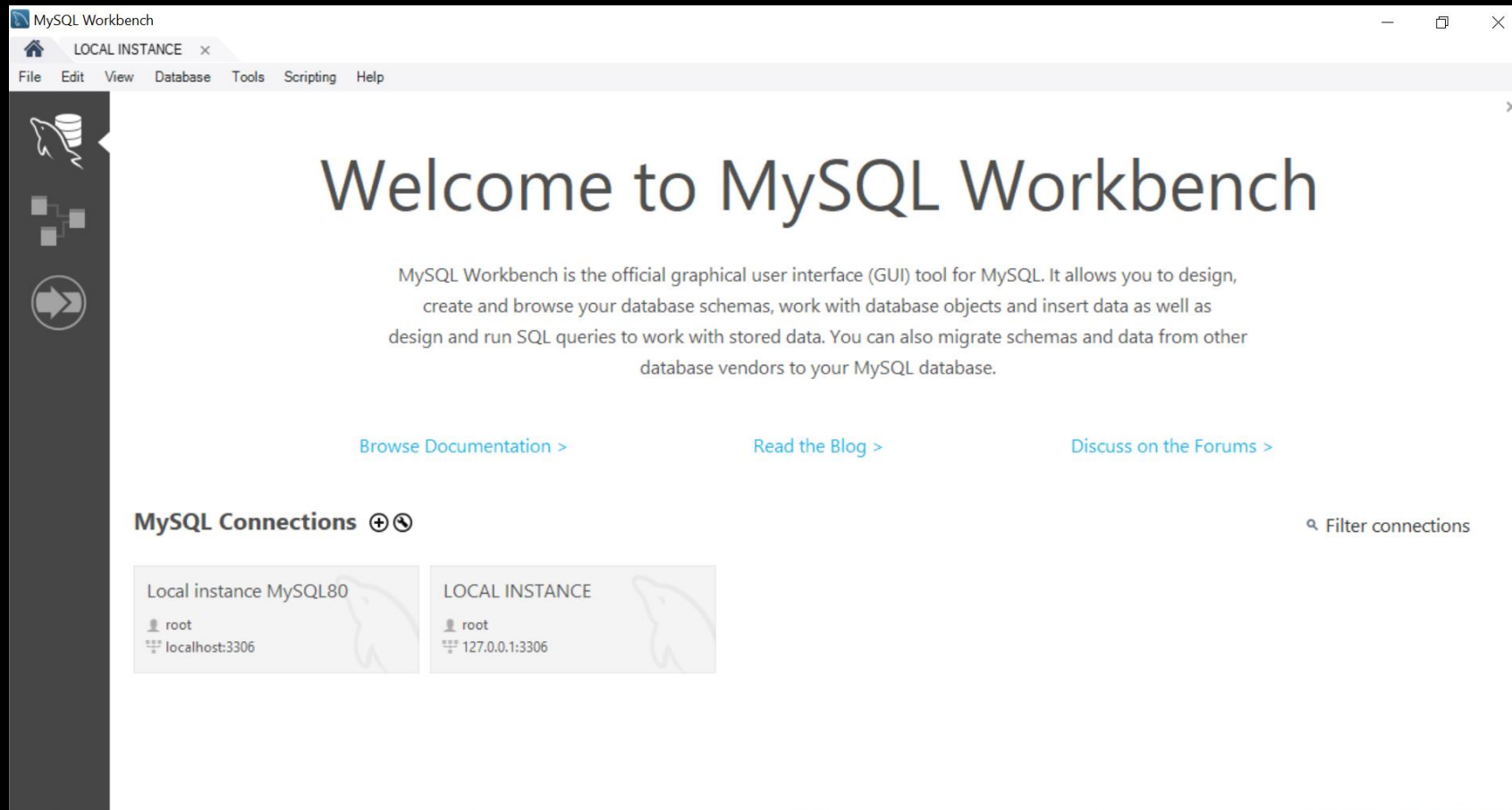


# E-Commerce Dashboard

Eng :- Mina Adel Markos



# Import DataBase in MySQL



# Make Queries in MYSQL

---

```
mirror_mod = modifier_ob.  
#set mirror object to mirror  
mirror_mod.mirror_object =  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
  
#selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
  
print("please select exactly  
  
-- OPERATOR CLASSES ----  
  
types.Operator):  
on X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
  
context):  
context.active_object is not
```

MYSQL

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

```
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."

```
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"

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

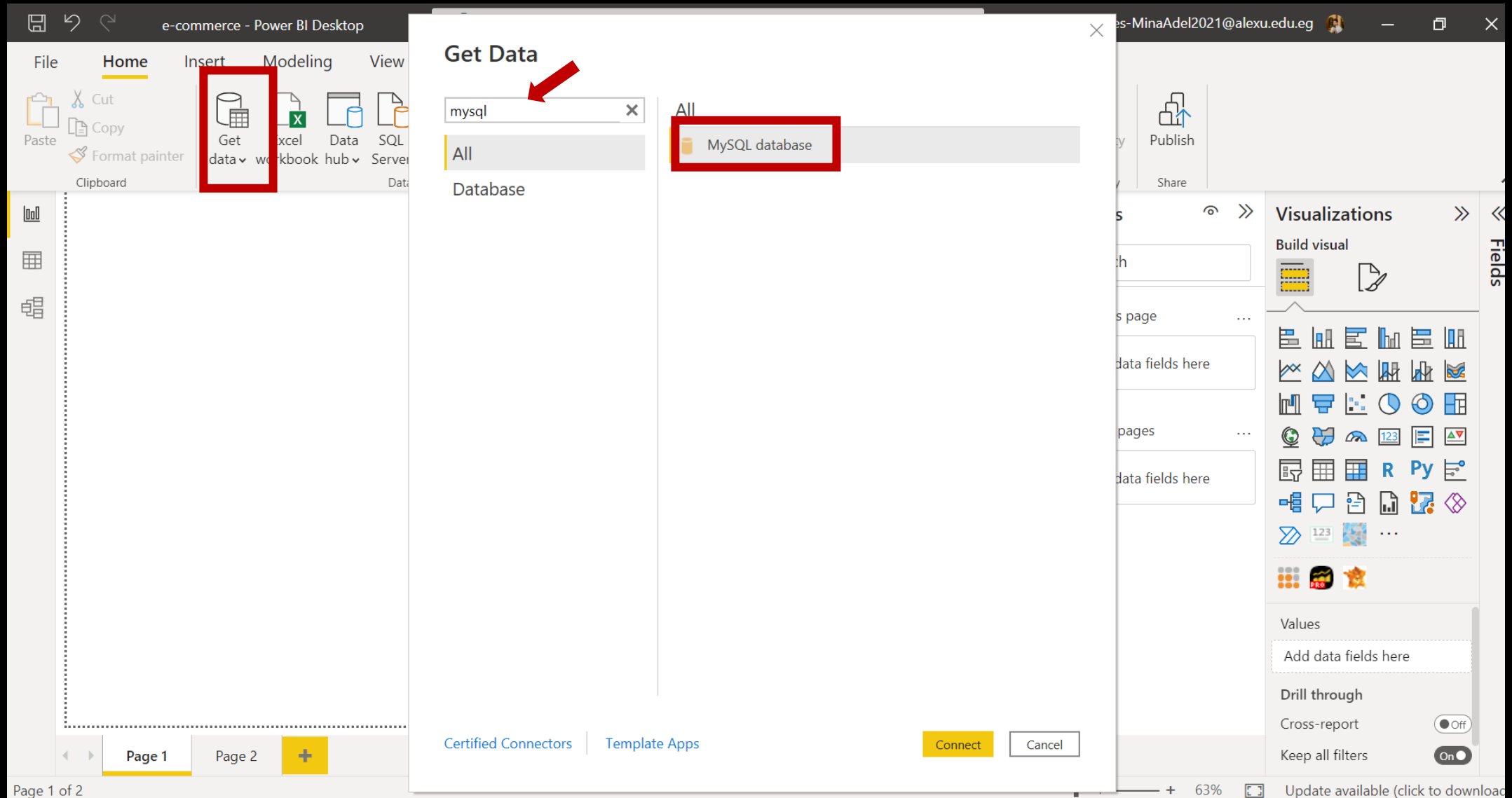
JOIN orders ord
ON c.CustomerID = ord.CustomerID
JOIN order_details ord_det
ON ord.OrderID = ord_det.OrderID
JOIN products pro
ON pro.ProductID = ord_det.ProductID
```

"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;
```

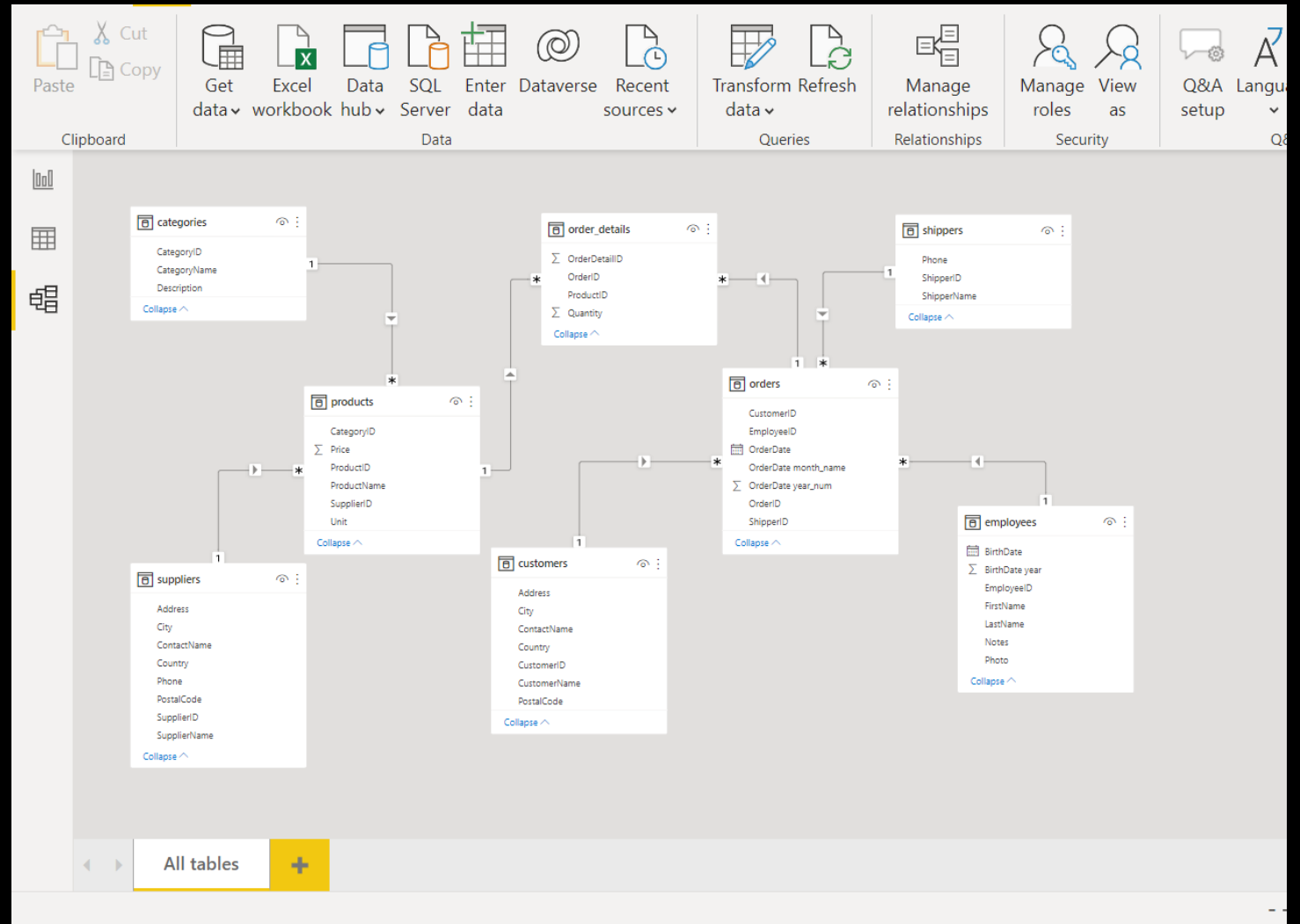


# Connect the MYSQL to Power BI and extract the data directly into it



# 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

Total Sales

2.22K

Total Price

13K

Total Quantity

Customers In Country



## Top 3 Active Customers



Roland Mendel

AUSTRIA

35631.21\$



Jean Fresnière

CANADA

23362.6\$

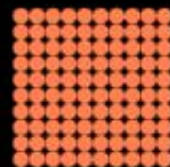


Jose Pavarotti

USA

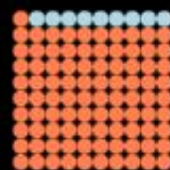
22500.06\$

## Shipper Mode



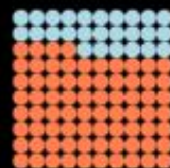
100%

United Package



91%

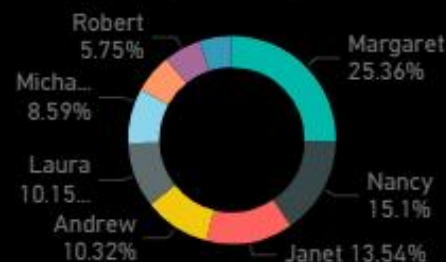
Federal Shipping



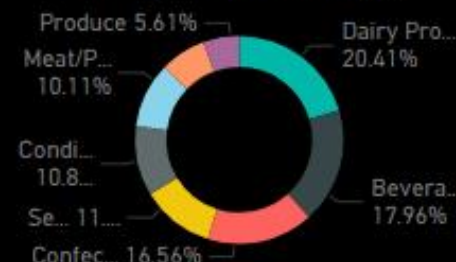
74%

Speedy Express

## Employee Target



## Total Quantity For Category



## Total Sales per Month

January

1.28K

July

4.65K

August

3.67K

September

1.15K

October

1.11K

November

2.09K

December

1.18K

92.4%