

## Practical SQL Queries for Express Food

### Looking Up the Menu for 2019-04-15

```
SELECT dish.Dish_Id , dish.Dish_Name, dish.Dish_Ingredients FROM dish JOIN `daily dish specials` AS `dds` ON dds.dish_id = dish.dish_id WHERE dds.Date = '2019-04-15';
```

### Add a Dish to An Order

```
INSERT INTO `order information` (`Order_Information_Id`, `Order_Id`, `Dish_Id`, `Dish_Quantities`) VALUES ('6732', '2763', '2111', '1');
```

### Update a Delivery Person's Status

```
UPDATE `delivery person` SET `Availability_Status` = 'Vacation' WHERE Delivery_Person_Id = 8805 ;
```

### Update an Address

```
UPDATE `address` SET Street = "20 Rochester Lane" WHERE Address_Id = 2321;
```

### View all the Orders Placed from April 12th-April 15th

```
SELECT od.Order_Id, od.Order_Date, od.Cost_Total, od.Order_Status, dish.Dish_Id, di.Dish_Quantities, `Customer_Name` FROM `order` AS `od` JOIN `order information` AS `di` ON od.Order_Id = di.Order_Id JOIN dish ON dish.Dish_Id = di.Dish_Id JOIN customer ON customer.Customer_Id = od.Customer_Id WHERE `Order_Date` > '2019-04-11' AND `Order_Date` < '2019-04-16';
```

### Determine the Total Revenue of all orders From April 10th-April 16th

```
SELECT SUM(`Cost_Total`) AS `Total Revenue From April 10th-April 16th` FROM `order`;
```

### Determine the total amount of stock of all the dishes for April 10th, 2019

```
SELECT SUM(ds.Dish_Stock_Quantity) AS `Dish Stock For April 10th, 2019` FROM `dish stock` AS `ds` JOIN `dish` ON dish.Dish_Id = ds.Dish_Id JOIN `daily dish specials` AS `dds` ON dds.Dish_Id = dish.Dish_Id WHERE dds.Date = '2019-04-10';
```

### Determine the average total potential revenue of all the dishes in stock

```
SELECT SUM(dish.Cost_Total)*SUM(ds.Dish_Stock_Quantity)/28 AS `Average Total Revenue Potential` FROM dish JOIN `dish stock` AS `ds` ON dish.Dish_Id = ds.Dish_Id;
```

### Update Customer Email

```
UPDATE customer SET customer.Customer_Email = 'mary.jane50@gmail.com' WHERE  
Customer_Name = 'Mary Jane';
```

**Determine the Address, Order, and Dish and Customer Information for Customer with the name Sincere Benton**

```
SELECT od.Order_Id AS `Order Id`, customer.Customer_Id AS `Customer Id`, od.Order_Date AS  
`Order Date`, dish.Dish_Name AS `Dish Name`, oi.Dish_Quantities AS `Dish Quantities`,  
customer.Customer_Name AS `Customer Name`, address.Street AS `Street`, address.Town As  
`Town`, address.State AS `State`, address.Country AS `Country`, address.Zip_Code AS `Zip Code`  
FROM `order` AS `od` JOIN `order information` AS `oi` ON od.Order_Id = oi.Order_Id JOIN  
`address` ON address.Address_Id = od.Address_ID JOIN dish ON oi.Dish_Id = dish.Dish_Id JOIN  
customer ON customer.Customer_Id = od.Customer_Id WHERE Customer_Name = 'Sincere  
Benton';
```