Please find the code using this [link](#)

- Answer 1.A
  - The calculation wasn't accurate enough since the data that was collected was raw data, and the operations were performed on that data without performing necessary cleaning operations.
  - The average was achieved since the calculated mean constituted of outliers.
- Answer 1.B
  - The metric used to get rid of all the outliers was IQR. Since the data was fairly small and didn't require any of the complex solutions.
- Answer 1.C
  - The final value that I got was an AOV of $293.72

SQL Queries & Solutions

- How many orders were shipped by Speedy Express in total?
  - Statement –
  - SELECT COUNT(ShipperID)
    FROM orders o
    WHERE o.ShipperID in (select s.ShipperID from Shippers s where ShipperName = 'Speedy Express')

  - Value – 54 orders

SQL Queries & Solutions

- What is the last name of the employee with the most orders?
  - Statement –
    SELECT e.LastName, COUNT(o.EmployeeID) as C
    FROM
        "Employees" AS e
    JOIN "Orders" AS o on o.EmployeeID = e.EmployeeID
    GROUP BY o.EmployeeID
    Order BY C DESC

  - Value – Peacock

SQL Queries & Solutions

- What product was ordered the most by customers in Germany?
- Statement –

```sql
SELECT
  o.OrderID, d.Quantity, p.ProductName
FROM
  "Orders" AS o
  JOIN "Customers" AS c on o.CustomerID = c.CustomerID
  JOIN "OrderDetails" AS d on o.OrderID = d.OrderID
  JOIN "Products" AS p on p.ProductID = d.ProductID
  where c.Country='Germany'
GROUP BY o.OrderID
ORDER by d.Quantity DESC
```

  - Value – Steeleye Stout