Part 3.md 2/10/2022

1.MongoDB Atlas Input

- "_id": { "\$oid": "620552d8cb6703aceedaa5ef" }, "CustomerID": 11008, "SalesOrderID": 53765,
 "OrderValue": 2673, "TotalQuantityInOrder": 2
- "_id": { "\$oid": "620552fcf70f3b2496c8e855" }, "CustomerID": 11008, "SalesOrderID": 51282, "OrderValue": 2555, "TotalQuantityInOrder": 4
- "_id": { "\$oid": "620553233fcc7fe65ef8f677" }, "CustomerID": 11008, "SalesOrderID": 43826, "OrderValue": 3729, "TotalQuantityInOrder": 1
- "_id": { "\$oid": "6205533b249ff365446d8260" }, "CustomerID": 11007, "SalesOrderID": 54705, "OrderValue": 2673, "TotalQuantityInOrder": 2
- "_id": { "\$oid": "620553492aaabf6cac0adb74" }, "CustomerlD": 11007, "SalesOrderlD": 51581, "OrderValue": 2643, "TotalQuantityInOrder": 5
- "_id": { "\$oid": "620553588dc8141487089f16" }, "CustomerID": 11007, "SalesOrderID": 43743, "OrderValue": 3757, "TotalQuantityInOrder": 1
- "_id": { "\$oid": "62055375e5eb37a84454e69d" }, "CustomerID": 11006, "SalesOrderID": 58007, "OrderValue": 2634, "TotalQuantityInOrder": 1
- "_id": { "\$oid": "62055384161822ef9b222aac" }, "CustomerID": 11006, "SalesOrderID": 51198, "OrderValue": 2580, "TotalQuantityInOrder": 3
- "_id": { "\$oid": "6205538e5ebee439addc35f6" }, "CustomerID": 11006, "SalesOrderID": 43819, "OrderValue": 3757, "TotalQuantityInOrder": 1
- "_id": { "\$oid": "62055397118a057918c70c93" }, "CustomerID": 11005, "SalesOrderID": 57361, "OrderValue": 2634, "TotalQuantityInOrder": 1
- "_id": { "\$oid": "620553a868cdcc31fcbcd4a9" }, "CustomerID": 11005, "SalesOrderID": 51612, "OrderValue": 2610, "TotalQuantityInOrder": 4
- "_id": { "\$oid": "620553b309bffd78beb7bab1" }, "CustomerID": 11005, "SalesOrderID": 43704, "OrderValue": 3729, "TotalQuantityInOrder": 1

2.MongoDB \$group Aggregation

- _id: The id of the group.
- fieldN: The first field name.

{_id: "\$CustomerID", averageOrderValue: {\$avg: "\$OrderValue"}}

3.MongoDB Result

- _id:11005
- averageOrderValue:2991
- _id:11006
- averageOrderValue:2990.33333333333333
- _id:11007
- id:11008

Part 3.md 2/10/2022

• averageOrderValue:2985.666666666665