NoSQL-Mongo Lab2\_AI

**After Insert Aggregation Data File**

Use Robo 3 T to create the following:

1. Calculate the total revenue for product from **sales** collection documents within the date range '01-01-2020' to '01-01-2023' and then sort them in descending order by total revenue.
   1. Total Revenue= Sum (Quantity \* Price)
2. Calculate the average salary for **employees** for each department from the employee’s collection.
3. Use **likes** Collection to calculate max and min likes per title
4. Create new
   1. Database named Demo
   2. collections named trainningCenter
5. Use find. explain function (find by age field) and mention scanning type
6. Create index on created collection named it “IX\_age” on age field
7. Use find. explain view winning plan for index created (find by age field) and mention scanning type
8. Create index on created collection named it “compound” on firstNsme and lastName
   1. Try find().explain before create index and mention scanning type
   2. Try find().explain after create index and mention scanning type