**MANAGE UNSTRUCTURED DATA USING MONGODB**

**TASK 1:-**

Creating a database🡪Customer\_data

**TASK 2:-**

Creating a Collection in db🡪Customer\_details

**TASK 3:-**

*{ "\_id": 0,*

*"name": "Zhen",*

*"email-id": "zhen@gmail.com",*

*"date": { "$date": "2021-12-31T10:30:00.000Z" },*

*"age": 25,*

*"cust\_id":1}*

Likewise inserting for 10 documents.

**TASK 4:-**

*{$and:[{age:{$gt:20}},{age:{$lte:30}}]}*

Filtering and getting the documents.

**TASK 5:-**

For cust\_id:5,7,8,10

|  |  |
| --- | --- |
| **BEFORE UPDATE** | **AFTER UPDATE** |
| “cam@gmail.com" | "cam**1**@gmail.com" |
| "lakshmi@gmail.com" | "lakshmi**2**@gmail.com" |
| "chris@gmail.com" | "chris**3**@gmail.com" |
| “tony@gmail.com" | "tony**4**@gmail.com" |

**TASK 6:-**

Creating a Collection in db🡪Customer\_feedback

**TASK 7:-**

*{ "\_id": 3,*

*"name": "Tommy W",*

*"Feedback": "A wonderful experience and a handy course. The lecturers are great with a very nice way on interacting",*

*"comment": "positive",*

*"like": 2,*

*"dislike": 0,*

*"cust\_id": 3}*

Likewise inserting for rest of the documents.

**TASK 8:-**

*"cust\_id": 0*

Customer id is added to all the documents

**TASK 9:-**

* Finding for more than 2 months
* So , this customer is no longer active

*{date:{$lt:ISODate('2022-01-01')}}*

**TASK 10:-**

Mapping using cust\_id in Customer\_feedback collection.

**TASK 11:-**

Creating a Collection in db🡪 Positive\_comments

Filtering with *{comment:'positive'}* and store it in collection.

**TASK 12:-**

The feedbacks are already updated in TASK 7.