

Amanda Rovey

9/8/2024

Exercise 4.3

MongoDB Shell

Write the following queries and take screenshots of the code you used to write the queries and their results.

a. Display all users in the collection.

```
Atlas atlas-94li3l-shard-0 [primary] web335DB> use web335DB
already on db web335DB
Atlas atlas-94li3l-shard-0 [primary] web335DB> db.users.find().pretty()
[
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a8869'),
    firstName: 'Johann',
    lastName: 'Bach',
    employeeId: '1007',
    email: 'jbach@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.082Z')
  },
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886a'),
    firstName: 'Ludwig',
    lastName: 'Beethoven',
    employeeId: '1008',
    email: 'lbeethoven@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.102Z')
  },
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886b'),
    firstName: 'Wolfgang',
    lastName: 'Mozart',
    employeeId: '1009',
    email: 'wmozart@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.124Z')
  },
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886c'),
    firstName: 'Johannes',
    lastName: 'Brahms',
    employeeId: '1010',
    email: 'jbrahms@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.144Z')
  },
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886d'),
    firstName: 'Richard',
    lastName: 'Wagner',
    employeeId: '1011',
    email: 'rwagner@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.162Z')
  },
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886e'),
    firstName: 'Claude',
    lastName: 'Debussy',
    employeeId: '1012',
    email: 'cdebussy@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.184Z')
  }
]
Atlas atlas-94li3l-shard-0 [primary] web335DB> 
```

b. Display the user with the email address jbach@me.com.

```
Atlas atlas-94li3l-shard-0 [primary] web335DB> db.users.find({ email: "jbach@me.com" }).pretty()
[
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a8869'),
    firstName: 'Johann',
    lastName: 'Bach',
    employeeId: '1007',
    email: 'jbach@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.082Z')
  }
]
Atlas atlas-94li3l-shard-0 [primary] web335DB> []
```

c. Display the user with the last name Mozart.

```
Atlas atlas-94li3l-shard-0 [primary] web335DB> db.users.find({ lastName: "Mozart" }).pretty()
[
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886b'),
    firstName: 'Wolfgang',
    lastName: 'Mozart',
    employeeId: '1009',
    email: 'wmozart@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.124Z')
  }
]
Atlas atlas-94li3l-shard-0 [primary] web335DB> []
```

d. Display the user with the first name Richard.

```
Atlas atlas-94li3l-shard-0 [primary] web335DB> db.users.find({ firstName: "Richard" }).pretty()
[
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886d'),
    firstName: 'Richard',
    lastName: 'Wagner',
    employeeId: '1011',
    email: 'rwagner@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.162Z')
  }
]
Atlas atlas-94li3l-shard-0 [primary] web335DB> []
```

e. Display the user with employeeId 1010.

```
Atlas atlas-94li3l-shard-0 [primary] web335DB> db.users.find({ employeeId: "1010" }).pretty()
[
  {
    _id: ObjectId('66de0c9a2d9d75e21b9a886c'),
    firstName: 'Johannes',
    lastName: 'Brahms',
    employeeId: '1010',
    email: 'jbrahms@me.com',
    dateCreated: ISODate('2024-09-08T20:44:10.144Z')
  }
]
Atlas atlas-94li3l-shard-0 [primary] web335DB> 
```