## **NoSQL Queries:**

Query: db.Mdata.findOne({ id: 862 })

```
| Total | Tota
```

Fig - 1: NoSQL Query

Query: db.Mdata.find({ "genres.name": "Action" }).count()

```
> db.Mdata.find({ "genres.name": "Action" }).count()
< 6727
Atlas atlas-u15fwk-shard-0 [primary] Lab2>
```

Fig - 2: NoSQL Query

Query: db.Mdata.distinct("id")

```
> db.Mdata.distinct("id")
< [
             5, 6, 11, 12, 13, 14, 15, 16, 17, 18,
     2,
        3,
    19,
         20,
             21, 22, 24, 25, 26, 27, 28,
                                              30,
                                                   33,
                                                        35,
                  59, 62, 63,
         55,
             58,
                                     65,
                                          66
    38,
                                                   68,
                                                        69,
    70, 71, 73, 74, 75, 76, 77, 78, 79,
                                              80,
                                                   81,
                                                        82,
    83,
         85,
             86, 87, 88, 89, 90, 91, 92, 93,
                                                   95,
                                                        96,
         98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108,
   109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 120, 121,
   122, 123, 124, 127, 128, 129, 132, 133, 134, 135, 136, 137,
   138, 139, 140, 141,
   ... 45329 more items
Atlas atlas-u15fwk-shard-0 [primary] Lab2>
```

Fig - 3: NoSQL Query

```
>_MONGOSH
> db.Mdata.aggregate([
     { $group: { _id: "$id", count: { $sum: 1 } } }
```

Fig – 4: NoSQL Query

Query: db.Mdata.find({ runtime: {\$gte:110}} )

Fig – 5: NoSQL Query

Query: db.Mdata.find({ "genres.name": "Romance"}).limit(3)

```
Jobbooks. fried(" "genres.name": "floanoce"). Limit(1)

- 10. Medical Fried (" genres.name": "floanoce"). Limit(1)

- 10. Object. Click postable (" floanoce"). Limit(1)

- 10. Object. Click postable (" floanoce
```

Fig – 6: NoSQL Query

## Query: db.Mdata.find().skip(5)

Fig - 7: NoSQL Query

Query: db.Mdata.find({ \$or: [{ id: 862 }, { imdb\_id: 114709 }] })

Fig - 8: NoSQL Query

Query: db.Mdata.find({ id: { \$exists: true } })

Fig - 9: NoSQL Query

Query: db.Mdata.find({\$and: [{ release\_date: { \$exists: "1995-22-12" } },{ revenue: { \$gt: 1500000 } }]},{cast:0, crew:0,\_id:0, ratings:0,timestamp:0}).limit(1)

Fig – 10: NoSQL Query

## **Aggregations:**

Fig – 11: Aggregations

```
> db.Mdata.aggregate([
    1)
< {
  _id: 135,
  count: 146
  _id: 299,
  count: 1
  _id: 190,
  count: 7
  _id: 260,
  count: 4
  count: 2
```

Fig - 12: Aggregations

Fig - 13: Aggregations

```
Query: db.Mdata.aggregate([
      { $limit: 10 }
])
```

```
>_MONGOSH
> db.Mdata.aggregate([
      { $limit: 10 }
 ])
< {
    _id: ObjectId('66206ada5e5e2d196f8c2573'),
    adult: false,
   belongs_to_collection: {
      id: 10194,
     name: 'Toy Story Collection',
      poster_path: '/7G9915LfUQ2lVfwMEEhDsn3kT4B.jpg',
      backdrop_path: '/9FBwqcd9IRruEDUrTdcaaf0MKUq.jpg'
    },
    budget: 30000000,
    genres: [
        id: 16,
        name: 'Animation'
      },
        id: 35,
        name: 'Comedy'
      },
        id: 10751,
        name: 'Family'
```

Fig – 14: Aggregations

```
Query: db.Mdata.aggregate([
     { $skip: 5 }
])
```

Fig – 15: Aggregations