

```
Windows PowerShell
PS C:\Users\Daygot> mongo "mongodb+srv://cluster0.sx2rx.mongodb.net/TBMDb" --username dbUser
MongoDB shell version v4.4.1
Enter password:
connecting to: mongodb://cluster0-shard-00-02.sx2rx.mongodb.net:27017,cluster0-shard-00-00.sx2rx.mongodb.net:27017,cluster0-shard-00-01.sx2rx.mongodb.net:27017/TBMDb?authSource=admin&compressors=disabled&gssapi
ServiceName=mongodb&replicaSet=atlas-137rku-shard-0&ssl=true
Implicit session: session { "id" : UUID("39589588-710f-4376-be21-e96b49ff873b") }
MongoDB server version: 4.2.10
WARNING: shell and server versions do not match
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> db.Movies.aggregate([
...  { $match: { language: "English" } },
...  { $group: { _id: "$movie_id", total_box: { $sum: "$box_office" } } }
... ])
{ "_id" : 1, "total_box" : 18463181 }
{ "_id" : 3, "total_box" : 93712238 }
{ "_id" : 20, "total_box" : 39746265 }
{ "_id" : 52, "total_box" : 87209592 }
{ "_id" : 6, "total_box" : 5022789 }
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY>
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> db.Movies.find({ box_office: { $gt: 10000000 }}).pretty()
{
  "_id" : ObjectId("5fb73d028965a24c9c8f234b"),
  "movie_id" : 1,
  "title" : "volutpat nunc sit amet metus.",
  "box_office" : 18463181,
  "release_date" : "05/28/1997",
  "studio" : "Mus Foundation",
  "user_rating" : 6,
  "cast" : [
    {
      "Name" : "Isabeau Castane"
    },
    {
      "Name" : "Evangelia Grzelczyk"
    },
    {
      "Name" : "Gradeigh Conlaund"
    },
    {
      "Name" : "Karalynn Tranfield"
    },
    {
      "Name" : "Olav Woodhead"
    },
    {
      "Name" : "Garrot Goozee"
    },
    {
      "Name" : "Truda Brosio"
    }
  ],
  "genre" : "Action",
  "country" : "Malawi",
  "rating" : "PG-13",
  "language" : "English",
  "director" : [

```

Query 1: Sum up all English movies' box office records

Query 2: Find and print all movies that had a box office greater than \$10000000

```
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{
  "director" : [
    {
      "name" : "Rama Roth"
    }
  ]
}
{
  "_id" : ObjectId("5fb73dff8965a24c9c8f2360"),
  "movie_id" : 23,
  "title" : "molestie tortor nibh sit amet",
  "box_office" : 99453113,
  "release_date" : "12/09/2015",
  "studio" : "Nullam Suscipit Industries",
  "user_rating" : 9,
  "cast" : [
    {
      "Name" : "Ddene Barfoot"
    },
    {
      "Name" : "Veriee Tutsell"
    },
    {
      "Name" : "Sibby Caddell"
    },
    {
      "Name" : "Veradis Mancell"
    },
    {
      "Name" : "Nannie Turtle"
    },
    {
      "Name" : "Tirrell Pinar"
    },
    {
      "Name" : "Gusella MacCafferty"
    }
  ],
  "genre" : "Sci-Fi",
  "country" : "Malaysia",
  "rating" : "PG-13",
  "language" : "French",
  "director" : [
    {
      "name" : "Caillin Hayes"
    }
  ]
}
Type "it" for more
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> db.Movies.find({ genre: "Comedy", box_office: { $gt: 10000000 } }).count()
7
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> db.Movies.updateMany({ "country": "Japan" }, { $set: { "studio": "Database Productions" } })
{ "acknowledged" : true, "matchedCount" : 2, "modifiedCount" : 0 }
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> db.Movies.distinct("rating")
[ "G", "NC-17", "PG", "PG-13", "R" ]
MongoDB Enterprise atlas-137rku-shard-0:PRIMARY> |
```

Query 3: Count all comedies that had box records greater than \$10000000

Query 4: Find all movies made in Japan, and update the studio to "Database Productions"

Query 5: Find all possible rating options in the database