

Compass

Welcome user movies learn\_mongo comments + Open MongoDB shell

My Queries

localhost:27017 > learn\_mongo > movies

Connections (1) X + ...

Search connections

localhost:27017

- admin
- config
- demo
- learn\_mongo
  - comments
  - movies
  - ...
- user
- local

Documents 10 Aggregations Schema Indexes 1 Validation

\$match \$group \$sort

Untitled - modified SAVE + CREATE NEW EXPORT TO LANGUAGE

Generate aggregation Explain Export Run Options

PREVIEW STAGES TEXT WIZARD

Pipeline Output Preview

Sample of 8 documents

```
1 [  
2 { "$match": { "year": { "$type": "number" } } },  
3 { "$group": { "_id": "$year", "count": { "$sum": 1 } } },  
4 { "$sort": { "_id": 1 } }  
5 ]  
6
```

OUTPUT OPTIONS

_id	count
1990	1
1995	2
1997	1
1998	1
1999	2
2004	1
2005	1
2014	1

**Compass**

Welcome user movies learn\_mongo comments +

My Queries

localhost:27017 > learn\_mongo > user

Documents 1 Aggregations Schema Indexes 1 Validation

Search connections

localhost:27017 admin config demo learn\_mongo comments movies user local

ADD DATA EXPORT DATA UPDATE DELETE

Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find Options

25 1-1 of 1

`_id: ObjectId('68ed5fde41bdcbdb1091cef0')  
name : "Sohail Ananya"  
email : "sohail@example.com"`

This screenshot shows the Compass MongoDB interface. On the left, there's a sidebar titled 'CONNECTIONS' with a tree view of databases: 'localhost:27017' (selected), 'admin', 'config', 'demo', 'learn\_mongo' (expanded, showing 'comments', 'movies', 'user'), and 'local'. The main area is titled 'localhost:27017 > learn\_mongo > user'. It has tabs for 'Documents' (1), 'Aggregations', 'Schema', 'Indexes' (1), and 'Validation'. A search bar says 'Type a query: { field: 'value' } or [Generate query](#)'. Below it are buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. A large text area displays a single document: '\_id: ObjectId('68ed5fde41bdcbdb1091cef0')', 'name : "Sohail Ananya"', and 'email : "sohail@example.com"'. At the bottom right are pagination controls: '25', '1-1 of 1', and icons for back, forward, and search.

**Compass**

Welcome user movies learn\_mongo comments + Open MongoDB shell

My Queries

localhost:27017 > learn\_mongo > movies

DOCUMENTS 10 Aggregations Schema Indexes 1 Validation

Search connections

localhost:27017 admin config demo learn\_mongo comments movies user local

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#)

25 1 - 10 of 10

`_id: ObjectId('68ed5fea41bdcbdb1091cef3')  
title: "The Matrix"  
year: 1999  
directors: Array (1)  
cast: Array (3)  
genres: Array (2)  
imdb: Object  
metacritic: 74  
available_on: "Sflix"`

`_id: ObjectId('68ed5ff141bdcbdb1091cef5')  
title: "Toy Story"  
year: 1995  
directors: Array (1)  
cast: Array (2)  
genres: Array (3)  
imdb: Object  
metacritic: 95`

`_id: ObjectId('68ed5ff841bdcbdb1091cef7')  
title: "Toy Story"  
year: 1995  
directors: Array (1)  
cast: Array (2)  
genres: Array (3)  
imdb: Object  
metacritic: 95`

`_id: ObjectId('68ed5ffe41bdcbdb1091cef9')  
title: "Toy Story 2"  
year: 1999  
directors: Array (1)  
cast: Array (2)  
genres: Array (3)  
imdb: Object  
metacritic: 88`

`_id: ObjectId('68ed600441bdcbdb1091cefb')  
title: "Saving Private Ryan"  
year: 1998  
directors: Array (1)  
cast: Array (2)  
genres: Array (2)  
imdb: Object  
metacritic: 91`

`_id: ObjectId('68ed600a41bdcbdb1091cefd')  
title: "The Terminal"  
year: 2004  
directors: Array (1)  
cast: Array (2)  
genres: Array (3)  
imdb: Object  
metacritic: 55`

`_id: ObjectId('68ed601241bdcbdb1091ceff')  
title: "Interstellar"  
year: 2014  
directors: Array (1)  
cast: Array (2)  
genres: Array (3)`

The screenshot shows the Compass MongoDB interface. The top navigation bar includes tabs for Welcome, user, movies, learn\_mongo, comments, and a plus sign for creating new databases. On the left, a sidebar titled 'Compass' lists 'My Queries', 'CONNECTIONS (1)', and a tree view of databases: localhost:27017 (admin, config, demo, learn\_mongo), movies, user, and local. The 'learn\_mongo' database is expanded, showing its collections: comments (selected), movies, and user. The main content area shows the 'localhost:27017 > learn\_mongo > comments' collection. It has tabs for Documents (2), Aggregations, Schema, Indexes (1), and Validation. Below the tabs is a search bar and a query builder with fields for field and value, and buttons for Generate query, Explain, Reset, Find, and Options. A toolbar below the search bar includes ADD DATA, EXPORT DATA, UPDATE, and DELETE. The results section displays two documents:

```
_id: ObjectId('68ed60e541bdcbdb1091cf0a')
movie_id: ObjectId('652f0a4c9f2b5a0d12345678')
author: "sohail"
text: "Mind-blowing action and ideas!"
```

```
_id: ObjectId('68ed612841bdcbdb1091cf0c')
movie_id: ObjectId('652f0a4c9f2b5a0d12345679')
author: "maya"
text: "Blue pill for me."
note: "Delete me in the task"
```

**Compass**

Welcome user movies learn\_mongo comments +

localhost:27017 > learn\_mongo

Sort by Collection Name ↕

CONNECTIONS (1) X + ...

Search connections T

**comments**

Storage size: 20.48 kB Documents: 2 Avg. document size: 112.00 B Indexes: 1 Total index size: 20.48 kB

**movies**

Storage size: 20.48 kB Documents: 10 Avg. document size: 221.00 B Indexes: 1 Total index size: 20.48 kB

**user**

Storage size: 4.10 kB Documents: 1 Avg. document size: 76.00 B Indexes: 1 Total index size: 4.10 kB

App Background Activity  
Software from "MongoDB, Inc." can run in the background. You can manage background activity in Login Items & Extensions.

Open MongoDB s