

Task 5

Local

11 DBS33 COLLECTIONS

☆ FAVORITE

HOST
localhost:27017

CLUSTER
Standalone

EDITION
MongoDB 5.0.6 Community

Filter your data

Demo

HorrorMovies

MovieDetail

admin

config

customer_data

horror_movies

Casts

movies_details

library

+

Collections

Create collectionView

Sort byCollection Name

MovieDetail

Storage size:4.10 kBDocuments:0Avg. document size:0 BIndexes:1Total index size:4.10 kB

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HorrorMovies

Documents

Filter

ADD DATA

Select Input File Type

JSON

CSV

Options

Select delimiterCOMMA

☒ Ignore empty strings

☐ Stop on errors

	<input checked="" type="checkbox"/> Country String	<input checked="" type="checkbox"/> Gross Int32	<input checked="" type="checkbox"/> Year Int32
	United States	850000.0	2015
ankell, Rebecka Nyman	Sweden	empty string	2015
	United States	empty string	2015
Florentina Hariton, Alexandra Stroe	Romania	empty string	2015
	Kiernan Shipka	38348.0	2015
	United States	empty string	2015
	Taiwan	empty string	2015
	United States	5500000.0	2015
	Japan	empty string	2015
	United States	empty string	2015

CANCELIMPORT

STORAGE SIZE4.1KB

AVG. SIZE0B

INDEXES1

TOTAL SIZE4.1KB

AVG. SIZE4.1KB

OPTIONS

FIND

RESET

REFRESH

Displaying documents 0 - 0 of 0

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HorrorMovies.MovieDetail

DOCUMENTS 97

STORAGE SIZE 4.1KB

AVG. SIZE 165B

INDEXES 1

TOTAL SIZE 4.1KB

AVG. SIZE 4.1KB

Documents

Aggregations

Schema

Explain Plan

Indexes

Validation

FILTER

{ field: 'value' }

PROJECT

{ field: 0 }

SORT

{ 'Gross': -1 }

COLLATION

{ locale: 'simple' }

MAX TIME MS

60000

SKIP

0

LIMIT

0

ADD DATA

VIEW

TABLE

JSON

RAW

Displaying documents 1 - 20 of 97

REFRESH

```

_id: ObjectId("6229ea3979707c2a856e5f7d")
:17
index: 17
Title: "The Gift"
Directors: "Joel Edgerton"
Cast: "Jason Bateman"
Country: "United States"
Gross: 64000000
Year: 2015

_id: ObjectId("6229ea3979707c2a856e5f7b")
:15
index: 15
Title: "The Gallows"
Directors: "Chris Lofing"
Cast: "Reese Wisler"
Country: "United States"
Gross: 57000000
Year: 2015

```

Task 6

Local

11 DBS

33 COLLECTIONS

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Filter your data

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HorrorMovies.MovieDetail

Aggregations

HorrorMovies.MovieDetail

Documents

HorrorMovies.MovieDetail

DOCUMENTS 97

STORAGE SIZE 4.1KB

AVG. SIZE 165B

INDEXES 1

TOTAL SIZE 4.1KB

AVG. SIZE 4.1KB

Documents

Aggregations

Schema

Explain Plan

Indexes

Validation

COLLATION

Untitled - Modified

SAVE

SAMPLE MODE

AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

```

_id: ObjectId("6229ea3979707c2a856e5f6c")
:0
index: 0
Title: "The Abandoned"
Directors: "Eytan Rockaway"
Cast: "Jason Patric"
Country: "United States"
Gross: 8500000

```

```

_id: ObjectId("6229ea3979707c2a856e5f6d")
:1
index: 1
Title: "Alena"
Directors: "Daniel di Grado"
Cast: "Amalia Holm Bjelket, Felice Jankel Nyman"
Country: "Sweden"

```

\$group

Output after \$group stage (Sample of 20 documents)

```

1 // **
2 * Id: The id of the group.
3 * Fields: The first field name.
4 // **
5 {
6   _id: '$country',
7   count: {
8     $sum: 1
9   }
10 }

```

```

_id: "New Zealand"
count: 1

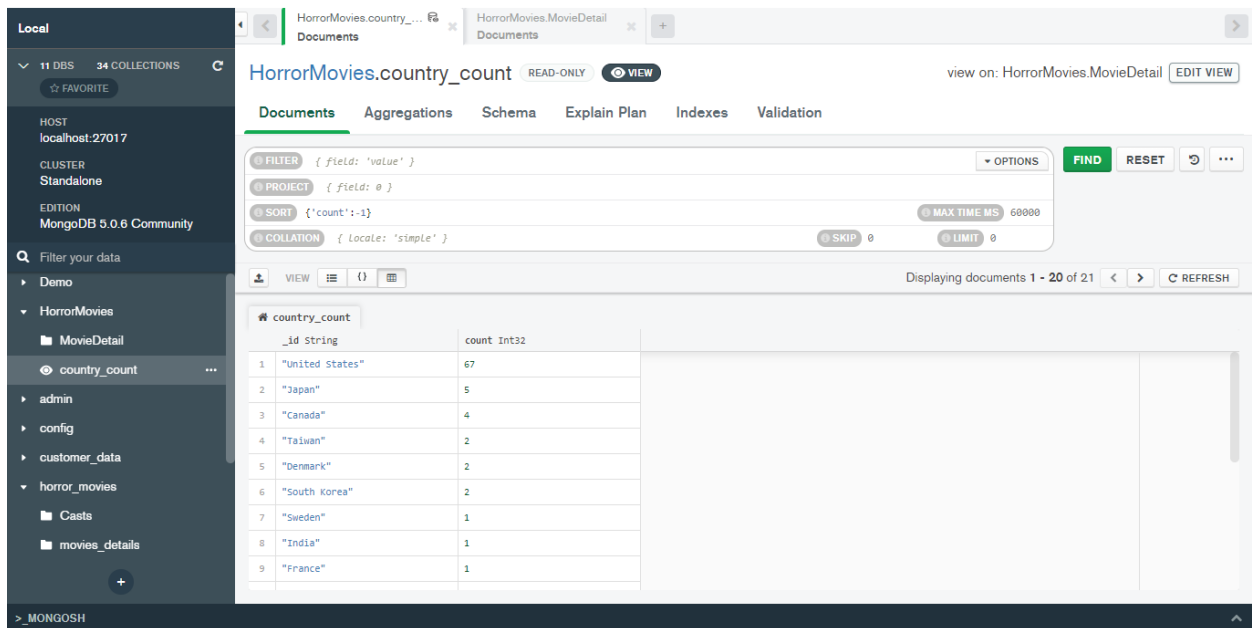
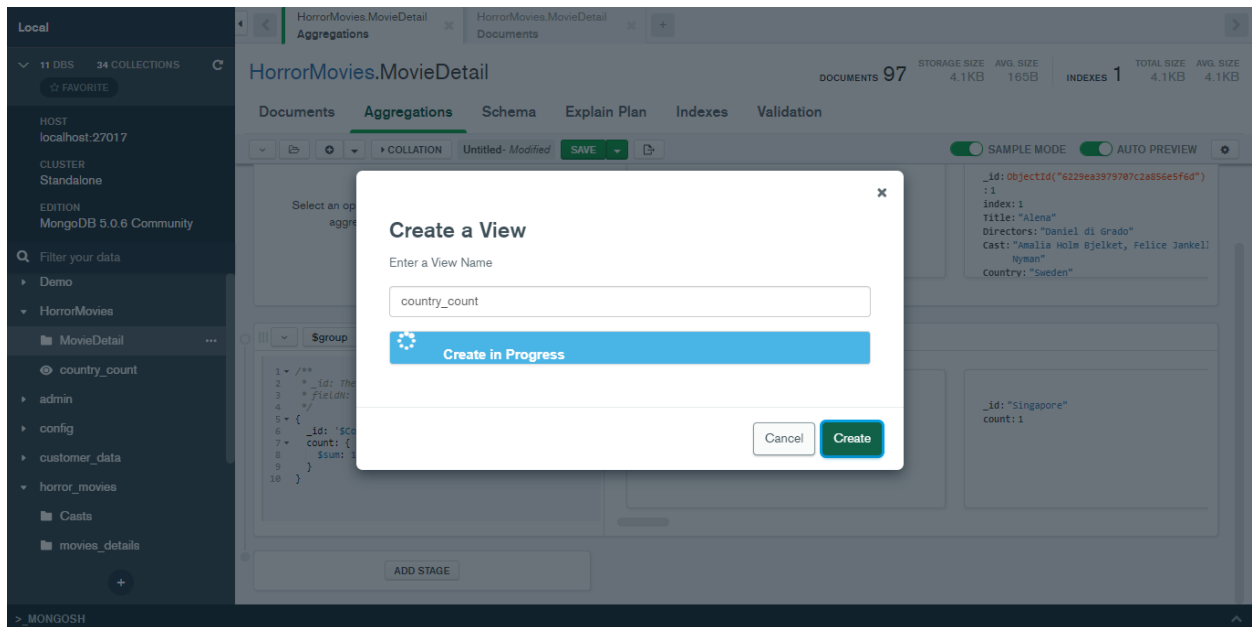
```

```

_id: "Singapore"
count: 1

```

ADD STAGE



Task 7

Local

11 DBS 34 COLLECTIONS

HOST localhost:27017

CLUSTER Standalone

EDITION MongoDB 5.0.6 Community

Filter your data

Demo

HorrorMovies

MovieDetail

country_count

admin

config

customer_data

horror_movies

Casts

movies_details

> MONGOSH

HorrorMovies.MovieDetail Aggregations

DOCUMENTS 97 STORAGE SIZE 24.6KB AVG. SIZE 165B INDEXES 1 TOTAL SIZE 20.5KB AVG. SIZE 20.5KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION Untitled- Modified SAVE SAMPLE MODE AUTO PREVIEW

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

_id: ObjectId("6229ea3979707c2a856e5f6c")

Index: 0

Title: "The Abandoned"

Directors: "Eytan Rockaway"

Cast: "Jason Patric"

Country: "United States"

Gross: 850000

_id: ObjectId("6229ea3979707c2a856e5f6d")

Index: 1

Title: "Alena"

Directors: "Daniel di Grado"

Cast: "Amalia Holm Bjelket, Felice Jankel Nyman"

Country: "Sweden"

\$group

Output after \$group stage (Sample of 20 documents)

```
1 //**
2 * _id: The id of the group.
3 * fields: The first field name.
4 */
5 {
6   _id: '$directors',
7   mean: {
8     $avg: '$Gross'
9   }
10 }
```

ADD STAGE

_id: "Emiliano Rocha Minter"

mean: null

_id: "Will Canon"

mean: 8000000

Local

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Filter your data

Demo

HorrorMovies

MovieDetail

average_gross

country_count

admin

config

customer_data

horror_movies

Casts

> MONGOSH

HorrorMovies.average_gross Documents

view on: HorrorMovies.MovieDetail EDIT VIEW

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' } OPTIONS FIND RESET

PROJECT [{ field: 0 }]

SORT {'mean': -1} MAX TIME MS 60000

COLLATION { locale: 'simple' } SKIP 0 LIMIT 0

VIEW

Displaying documents 1 - 20 of 91 REFRESH

#	average_gross	_id String	mean Double
1		"Joel Edgerton"	8400000
2		"Chris Lofing"	5720000
3		"James Wan"	4000000
4		"Drew Harvick"	2000000
5		"Hiroshi Shinagawa"	2300000
6		"Henry Hobson"	2000000
7		"Tom Harper"	1500000
8		"C.A. Smith"	1500000
9		"Masayuki Ochiai"	1500000

