

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/Databases

Connect Edit View Help

harmandeepscl... Databases

My Queries Databases +

local

Storage size: Collections: Indexes:

sample\_mflix

Storage size: Collections: Indexes:

95.67 MB 6 10

supplychainmanagement

Storage size: Collections: Indexes:

4.10 kB 1 1

tennis\_player

Storage size: Collections: Indexes:

73.73 kB 2 2

\_MONGOSH

```
> use supplychainmanagement
< switched to db supplychainmanagement
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Cloudy ENG US 8:17 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... Databases

+ Create collection Refresh

View Sort by Collection Name

suppliers

Storage size: Documents: Avg. document size: Indexes: Total index size:

20.48 kB 1 126.00 B 1 20.48 kB

\_MONGOSH

```
> use supplychainmanagement
< switched to db supplychainmanagement
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Cloudy ENG US 8:23 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... ...

My Queries Performance Databases supplychainmanagement +

+ Create collection Refresh

View Sort by Collection Name

rawMaterials

Storage size: 4.10 kB Documents: 1 Avg. document size: 99.00 B Indexes: 1 Total index size: 4.10 kB

suppliers

Storage size: 20.48 kB Documents: 1 Avg. document size: 126.00 B Indexes: 1 Total index size: 20.48 kB

```
_MONGOSH
    supplier: { supplier: "A", quantity: 1000, unit: "kg" };
);
< {
    acknowledged: true,
    insertedId: ObjectId('660df3302b7323e8d072ac99')
}
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Rain and snow

ENG US 8:24 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... ...

My Queries Performance Databases supplychainmanagement +

+ Create collection Refresh

View Sort by Collection Name

products

Storage size: 4.10 kB Documents: 1 Avg. document size: 108.00 B Indexes: 1 Total index size: 4.10 kB

rawMaterials

Storage size: 4.10 kB Documents: 1 Avg. document size: 99.00 B Indexes: 1 Total index size: 4.10 kB

suppliers

Storage size: 20.48 kB Documents: 1 Avg. document size: 126.00 B Indexes: 1 Total index size: 20.48 kB

```
_MONGOSH
    description: "description of product A",
    cost: 50,
    quantity: 100
);
< {
    acknowledged: true,
    insertedId: ObjectId('660df3502b7323e8d072ac9a')
}
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Rain and snow

ENG US 8:25 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... +

My Queries Performance Databases + supplychainmanagement +

+ Create collection Refresh View Sort by Collection Name

orders

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
4.10 kB	1	170.00 B	1	4.10 kB

products

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	106.00 B	1	20.48 kB

rawMaterials

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	99.00 B	1	20.48 kB

suppliers

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	126.00 B	1	20.48 kB

\_MONGOSH

```
l1 home -> { "name": "Product A", "quantity": 20 }  
]  
});  
< {  
  acknowledged: true,  
  insertedId: ObjectId('660df3732b7323e8d072ac9b')  
}  
>  
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Rain and snow

ENG US 8:25 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... +

My Queries Performance Databases + supplychainmanagement +

+ Create collection Refresh View Sort by Collection Name

products

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	106.00 B	1	20.48 kB

rawMaterials

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	99.00 B	1	20.48 kB

shipments

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
4.10 kB	1	223.00 B	1	4.10 kB

suppliers

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	1	126.00 B	1	20.48 kB

\_MONGOSH

```
l1 home -> { "name": "Product A", "quantity": 20 }  
,  
status: "In transit"  
});  
< {  
  acknowledged: true,  
  insertedId: ObjectId('660df3902b7323e8d072ac9c')  
}  
>  
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

2°C Rain and snow

ENG US 8:26 PM 2024-04-03

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.products

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance

Databases Search

Today New c Suppli Popula Yester Round Self-C Amaz Previous Check >\_MONGOSH

Mong Virtua Rep Jo H

2°C Cloudy

Documents 3 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1-3 of 3

`_id: ObjectId('660ef8e15fa3ae3d91d23f61')`  
`id: "660df3502b7323e8d072ac9e"`  
`name: "Sweatshirt"`  
`description: "women's fleece sweatshirt, size small, grey"`  
`cost: 45`  
`quantity: 60`

`_id: ObjectId('660ef8e15fa3ae3d91d23f62')`  
`id: "660df3502b7323e8d072ac9e"`  
`name: "Polo Shirt"`  
`description: "men's cotton polo shirt, size medium, red"`  
`cost: 35`  
`quantity: 70`

>\_MONGOSH

`{`  
 `"id": "660df3502b7323e8d072ac9e",`  
 `"name": "Polo Shirt",`  
 `"description": "men's cotton polo shirt, size medium, red",`  
 `"cost": 35,`  
 `"quantity": 70`  
 `});`  
`< {`

ENG US 3:01 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance

Databases Search

Today New c Suppli Popula Yester Round Self-C Amaz Previous Check >\_MONGOSH

Mong Virtua Rep Jo H

2°C Cold weather

Documents 2 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1-2 of 2

`_id: ObjectId('660df2972b7323e8d072ac98')`  
`name: "ABC DELTA Inc"`  
`contact: "+22222222208"`  
`address: "123 Street, brampton, canada"`

`_id: ObjectId('660efaf5fa3ae3d91d23f63')`  
`id: "6610abf1e7f83a076da4ecf7"`  
`name: "XYZ Manufacturing"`  
`contact: "+33333333308"`  
`address: "456 Avenue, Toronto, Canada"`

>\_MONGOSH

`{`  
 `"name": "ABC DELTA Inc",`  
 `"contact": "+33333333000",`  
 `"address": "456 Avenue, Toronto, Canada"`  
 `);`  
`< {`  
 `acknowledged: true,`  
 `insertedId: ObjectId('660efaf5fa3ae3d91d23f63')`  
`}`

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

ENG US 3:08 PM 2024-04-04

The screenshot shows the MongoDB Compass interface with the following details:

- Left Sidebar:** Shows the database structure. Under "Databases", "supplychainmanagement" is selected. Inside "supplychainmanagement", there is a "orders" collection.
- Top Bar:** The title bar says "MongoDB Compass - harmandeepscluster.1pv1br7.mongodb.net/supplychainmanagement.orders". The menu bar includes "Connect", "Edit", "View", "Collection", and "Help".
- Central Area:** A modal dialog titled "Import" is open. It says "To collection supplychainmanagement.orders". There is a checkbox "Stop on errors" which is unchecked. Below it, under "Specify Fields and Types", there are four fields: "\_id" (Int32), "orderNumber" (Int32), "customer" (String), and "products" (String). Each field has a dropdown arrow next to its type. A table below lists 10 documents from the "orders" collection:

	_id	orderNumber	customer	products
1	1001	1	Jaswinder Singh	T-shirts
2	1002	200	Simran	Jeans
3	1111	300	gurshan	Dresses
4	1222	400	gurbaj	Shoes
5	1112	500	chandan	Watches
6	1122	600	harman	Handbags
7	2222	700	arsh	Sunglasses
8	3333	800	yuvि	Phones
9	4444	900	govi	Shirts
10	5555	100	ravneet	Jeans

- Bottom Buttons:** "Cancel" and "Import" buttons are at the bottom right of the dialog.

MongoDB Compass - harmandeepsc1uster.1pv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

My Queries supplychainmanagement orders

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

Explain Reset Find Options ▾

ADD DATA EXPORT DATA UPDATE DELETE

1 - 11 of 11

customer : "yuv1"  
products : "Phones"

.id: 4444  
orderNumber : 988  
customer : "gav1"  
products : "Shirts"

.id: 5555  
orderNumber : 100  
customer : "ravneet"  
products : "Jeans"

\_MONGOSH

```
db.orders.insertOne({  
    contact: "3333333300",  
    address: "A56 Avenue, Toronto, Canada"  
});  
{  
    acknowledged: true,  
}
```

Import completed.  
10 documents imported.

Atlas Atlas SupplyChainManagement (primary) SupplyChainManagement

Cloudy 2°C

Search

3:14 PM 2024-04-04 ENG US

The screenshot shows the MongoDB Compass interface with two windows open. The main window displays the 'products' collection in the 'supplychainmanagement' database, containing 13 documents. The second window shows the 'Import' dialog for the same collection, where 10 documents have been imported successfully. Both windows show the same data, indicating a successful import.

**Import**

To collection supplychainmanagement.products

Stop on errors

Specify Fields and Types [Learn more about data types](#)

	<input checked="" type="checkbox"/> _id	<input checked="" type="checkbox"/> name	<input checked="" type="checkbox"/> description	<input checked="" type="checkbox"/> cost	<input checked="" type="checkbox"/> quantity
1	900	T-shirt	Men's cotton T-shirt, size large, blue	\$15.00	40
2	800	Jeans	Women's denim jeans, size 8, regular length	\$50.00	25
3	700	Dress	Women's summer sundress, size medium, white	\$30.00	10
4	600	Shoes	Men's running shoes, size 10, black and white	\$45.00	16
5	500	Watch	Men's stainless steel watch with leather strap	\$350.00	40
6	400	Handbag	Women's leather handbag with gold hardware	\$100.00	20
7	300	Sunglasses	Women's designer sunglasses, black frame	\$250.00	30
8	200	Phone	Smartphone with 6.2-inch display and 128GB storage	\$1,500.00	15
9	100	Shirt	Women's cotton shirt, size medium, skyblue	\$65.00	30
10	110	Jeans	Men's denim jeans, size 8, regular length	\$75.00	20

**Supplychainmanagement > products**

Documents 13 Aggregations Schema Indexes 1 Validation

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

cost : "\$30.00"  
quantity : 10

\_id: 600  
name : "Shoes"  
description : "Men's running shoes, size 10, black and white"  
cost : "\$45.00"  
quantity : 16

\_id: 500  
name : "Watch"  
description : "Men's stainless steel watch with leather strap"  
cost : "\$350.00"  
quantity : 40

Import completed.  
10 documents imported.

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.rawMaterials

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppli Popula Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong Virtua Rep Jc < { acknowledged: true, } Import completed. 10 documents imported.

Atlas <\_MONGOSH >\_MONGOSH supplychainmanagement > rawMaterials

Import To collection supplychainmanagement.rawMaterials

Stop on errors

Specify Fields and Types Learn more about data types

	<input checked="" type="checkbox"/> _id	<input checked="" type="checkbox"/> name	<input checked="" type="checkbox"/> Supplier	<input checked="" type="checkbox"/> Quantity	<input checked="" type="checkbox"/> Unit
1	220	Cotton	XYZ Textiles	500 lbs	lb
2	330	Polyester	ABC Fibers	200 lbs	lb
3	440	Zipper	Quick Zippers	3000	ea
4	550	Thread	Sew Easy	50 spools	spool
5	660	Buttons	Button World	10,000	ea
6	770	Denim Fabric	High Quality Fabrics	250 yds	yd
7	880	Elastic	Flexible Solutions	5000 ft	ft
8	990	Snaps	Snap Inc.	15,000	ea
9	1100	Leather	Luxe Leathers	100 sq ft	sq ft
10	1000	Fabric Dye	Color Your World	100 gallons	gal

Cancel Import

Atlas <\_MONGOSH >\_MONGOSH supplychainmanagement > rawMaterials

2°C Cloudy 3:15 PM 2024-04-04 ENG US

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.rawMaterials

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppli Popula Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong Virtua Rep Jc < { acknowledged: true, } Import completed. 10 documents imported.

Atlas <\_MONGOSH >\_MONGOSH supplychainmanagement > rawMaterials

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 11 of 11

<pre>_id: 440 name: "Zipper" Supplier: "Quick Zippers" Quantity: 3000 Unit: "ea"</pre>
<pre>_id: 550 name: "Thread" Supplier: "Sew Easy" Quantity: "50 spools" Unit: "spool"</pre>

Atlas <\_MONGOSH >\_MONGOSH supplychainmanagement > rawMaterials

2°C Cloudy 3:15 PM 2024-04-04 ENG US

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.shipments

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases

Search local sample\_mflix supplychainmanagement

New c Supply Popul Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong contact: "33333333300" Virtua Rep Jc { acknowledged: true, Import completed. 10 documents imported.

To collection supplychainmanagement.shipments

Stop on errors

Import

Specify Fields and Types Learn more about data types

	<input checked="" type="checkbox"/> _id	<input checked="" type="checkbox"/> ShipmentNumber	<input checked="" type="checkbox"/> origin	<input checked="" type="checkbox"/> destination	<input checked="" type="checkbox"/> products	<input checked="" type="checkbox"/> \$
	Int32	String	String	String	String	String
1	1111	SH11	New York, USA	London, UK	T-shirts	In Tr
2	1112	SH12	Shanghai, China	Sydney, Australia	Jeans	Deliv
3	1113	SH13	Tokyo, Japan	Seoul, South Korea	Watches	Deliv
4	1114	SH14	Mumbai, India	Dubai, UAE	Dresses	In Tr
5	1115	SH15	Berlin, Germany	Paris, France	Shoes	In Tr
6	1116	SH16	Toronto, Canada	Mexico City, Mexico	Shirts	Deliv
7	1117	SH17	Moscow, Russia	Istanbul, Turkey	Handbags	In Tr
8	1118	SH18	Los Angeles, USA	Sao Paulo, Brazil	Phones	Deliv
9	1119	SH19	Hong Kong, China	Singapore	Jeans	In Tr
10	1120	SH20	Sydney, Australia	Auckland, New Zealand	Watches	Deliv

Cancel Import

Atts: atlas-database-managed-primer-1-supplychainmanagement

ENG US 3:15 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.shipments

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases

Search local sample\_mflix supplychainmanagement

New c Supply Popul Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong contact: "33333333300" Virtua Rep Jc { acknowledged: true, Import completed. 10 documents imported.

supplychainmanagement > shipments

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

origin: "New York, USA" destination: "London, UK" products: "T-shirts" Status: "In Transit"
_id: 1112 ShipmentNumber: "SH12" origin: "Shanghai, China" destination: "Sydney, Australia" products: "Jeans" Status: "Delivered"
_id: 1113 ShipmentNumber: "SH13"

1 - 11 of 11

Atts: atlas-database-managed-primer-1-supplychainmanagement

ENG US 3:16 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases

Search local sample\_mflix supplychainmanagement

New c Suppliers Popul Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong Virtua Rep Jc < { acknowledged: true, Import completed. 10 documents imported.

Atts: atlas-shard0000-prime.supplychainmanagement >

Import To collection supplychainmanagement.suppliers

Stop on errors

Specify Fields and Types Learn more about data types

	<input checked="" type="checkbox"/> _id String	<input checked="" type="checkbox"/> name String	<input checked="" type="checkbox"/> contact String	<input checked="" type="checkbox"/> address String
1	SP1111	ABC Manufacturing	555-555-5555	123 Main St.
2	SP1112	XYZ Supplies	555-555-5556	456 Elm St.
3	SP1113	Acme Corp	555-555-5557	789 Oak St.
4	SP1114	Global Enterprises	555-555-5558	321 Maple Ave.
5	SP1115	Delta Inc	555-555-5559	654 Pine St.
6	SP1116	Alpha Corp	555-555-5564	987 Cedar Rd.
7	SP1117	Epsilon Supplies	555-555-5563	555 Birch Blvd.
8	SP1118	Omega Manufacturing	555-555-5552	111 Hickory Ln.
9	SP1119	Theta Inc	555-555-5551	222 Cherry Pl.
10	SP1110	Kappa Corp	555-555-5550	333 Walnut Dr.

Cancel Import

Atts: atlas-shard0000-prime.supplychainmanagement >

2°C Cloudy 3:16 PM 2024-04-04 ENG US

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases

Search local sample\_mflix supplychainmanagement

New c Suppliers Popul Yesterday Round Self-C Amazon Previous Check >\_MONGOSH Mong Virtua Rep Jc < { acknowledged: true, Import completed. 10 documents imported.

Atts: atlas-shard0000-prime.supplychainmanagement >

Documents 12 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1-12 of 12

_id: "SP1113" name : "Acme Corp" contact : "555-555-5557" address : "789 Oak St."
_id: "SP1114" name : "Global Enterprises" contact : "555-555-5558" address : "321 Maple Ave."
_id: "SP1115"

Atts: atlas-shard0000-prime.supplychainmanagement >

2°C Cloudy 3:16 PM 2024-04-04 ENG US

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppliers Popul Round Self-C Amazon Check >\_MONGOSH

Yesterday Rep Jc

Previously

Cloudy 2°C

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement

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

Documents 12 Aggregations Schema Indexes 1 Validation

ADD DATA EXPORT DATA UPDATE DELETE

1-12 of 12

contact : "33333333300" address : "456 Avenue, Toronto, Canada"

\_id : "SP1111" name : "ABC Manufacturing" contact : "555-555-5555" address : "123 Main St."

\_id : "SP1112" name : "XYZ Supplies" contact : "555-555-5556" address : "456 Elm St."

ENG US 3:20 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppliers Popul Round Self-C Amazon Check >\_MONGOSH

Yesterday Rep Jc

Previously

Cloudy 2°C

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement

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

Documents 12 Aggregations Schema Indexes 1 Validation

ADD DATA EXPORT DATA UPDATE DELETE

1-12 of 12

address : "123 Street, Brampton, Canada"

\_id : ObjectId('660efaf8f5fa3ae3d91d23f63') id : "661abfb1e7f83a076da4ecf7" name : "XYZ Manufacturing" contact : "33333333300" address : "456 Avenue, Toronto, Canada"

\_id : "SP1111" name : "ABC Manufacturing" contact : "555-555-5555" address : "123 Main St."

ENG US 3:23 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppli Popula Yester Round Self-C Amaz ... Previous Check >\_MONGOSH Mong Virtua Rep Jo ... H

2°C Cloudy 3:24 PM 2024-04-04 ENG US

Databases Documents Aggregations Schema Indexes Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

address: "123 Street, Brampton, Canada"

\_id: ObjectId('660efa8f5fa3ae3d91d23f63')  
id: "6610abf1ef7f83a076da4ecf7"  
name: "XYZ Manufacturing"  
contact: "33333333300"  
address: "456 Avenue, Toronto, Canada"

\_id: "SP1111"  
name: "ABC Manufacturing"  
contact: "555-555-5555"  
address: "123 Main St."

1-12 of 12

Explain Reset Find Options

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppli Popula Yester Round Self-C Amaz ... Previous Check >\_MONGOSH Mong Virtua Rep Jo ... H

2°C Cloudy 3:27 PM 2024-04-04 ENG US

Databases Documents Aggregations Schema Indexes Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

address: "123 Street, Brampton, Canada"

\_id: ObjectId('660efa8f5fa3ae3d91d23f63')  
id: "6610abf1ef7f83a076da4ecf7"  
name: "XYZ Manufacturing"  
contact: "33333333300"  
address: "456 Avenue, Toronto, Canada"

\_id: "SP1111"  
name: "ABC Manufacturing"  
contact: "555-555-5555"  
address: "123 Main St."

1-12 of 12

Explain Reset Find Options

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppliers Popul Round Self-C Amazon Check

Check >\_MONGOSH

Mongo > db.suppliers.deleteOne({ id: "6610abf1ef7f83a976da4ecf7" }) // Query criteria to delete the document

Virtua Rep Jc

Re & H

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement

2°C Cloudy 3:38 PM 2024-04-04 ENG US

Databases Documents 12 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

address: "123 Street, Brampton, Canada"

\_id: ObjectId('660efa8f5fa3ae3d91d23f63')  
id: "6610abf1ef7f83a976da4ecf7"  
name: "XYZ Manufacturing"  
contact: "33333333300"  
address: "456 Avenue, Toronto, Canada"

\_id: "SP1111"  
name: "ABC Manufacturing"  
contact: "555-555-5555"  
address: "123 Main St."

1-12 of 12

Explain Reset Find Options

ENG US 3:38 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today New c Suppliers Popul Round Self-C Amazon Check

Check >\_MONGOSH

Mongo > db.products.deleteMany({ quantity: { \$lt: 100 } }) // Query criteria to delete documents

Virtua Rep Jc

Re & H

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement

2°C Cloudy 3:31 PM 2024-04-04 ENG US

Databases Documents 12 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

address: "123 Street, Brampton, Canada"

\_id: ObjectId('660efa8f5fa3ae3d91d23f63')  
id: "6610abf1ef7f83a976da4ecf7"  
name: "XYZ Manufacturing"  
contact: "33333333300"  
address: "456 Avenue, Toronto, Canada"

\_id: "SP1111"  
name: "ABC Manufacturing"  
contact: "555-555-5555"  
address: "123 Main St."

1-12 of 12

Explain Reset Find Options

ENG US 3:31 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.workloads

Connect Edit View Collection Help

harmandeepscl... +

My Queries Performance Databases

Search

supplychainmanagement > workloads

**Import**

To collection supplychainmanagement.workloads

Import file: workload.xlsx.csv

Options

Select delimiter: Space

Ignore empty strings

Stop on errors

Specify Fields and Types

collections.mongo String queries String

```

1 orders,"db.orders.find()
2 suppliers,"db.suppliers.find()
3 products,"db.products.find()
4 shipments,"db.shipments.find()
5 raw

```

customerID: country: cost: status: materials,"db.rawMaterials.find()

Cancel Import

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement

13 items

NASDAQ -1.3%

Search

ENG US 4:03 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... +

My Queries Performance Databases

Search

supplychainmanagement

**rawMaterials**

Storage size: 20.48 kB Documents: 11 Avg. document size: 96.00 B Indexes: 1 Total index size: 36.86 kB

**shipments**

Storage size: 20.48 kB Documents: 11 Avg. document size: 142.00 B Indexes: 1 Total index size: 36.86 kB

**suppliers**

Storage size: 20.48 kB Documents: 11 Avg. document size: 99.00 B Indexes: 1 Total index size: 36.86 kB

**workloads**

Storage size: 20.48 kB Documents: 5 Avg. document size: 95.00 B Indexes: 1 Total index size: 20.48 kB

> MONGOSH

```

> use supplychainmanagement
< switched to db supplychainmanagement
> db.orders.find({ status: "shipped" }).explain("executionStats");
< {
    explainVersion: '1',
    queryPlanner: {
        namespace: 'supplychainmanagement.orders',
        indexFilterSet: false,
    }
}

```

Cloudy 3°C

Search

ENG US 4:46 PM 2024-04-04

**rawMaterials**

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	11	96.00 B	1	36.86 kB

**shipments**

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	11	142.00 B	1	36.86 kB

**suppliers**

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	11	99.00 B	1	36.86 kB

**workloads**

Storage size:	Documents:	Avg. document size:	Indexes:	Total index size:
20.48 kB	5	95.00 B	1	20.48 kB

>\_MONGOSH

```
>
> db.products.find({ category: "jeans" }).explain("executionStats");
< {
  explainVersion: "1",
  queryPlanner: {
    namespace: 'supplychainmanagement.products',
    indexFilterSet: false,
    parsedQuery: {
      category: {
        $eq: "jeans"
      }
    },
    stage: "COLLSCAN"
  }
}
```

The screenshot shows the MongoDB Compass interface connected to a database named 'harmandeepscluster'. The 'rawMaterials' collection is selected. The document list displays two documents:

- Document 1: \_id: ObjectId('660df3302b7323e8d072ac99'), name: "zippers", supplier: "QUICK ZIPPERS", quantity: 1000, unit: "kg"
- Document 2: \_id: 220, name: "Cotton", Supplier: "XYZ Textiles", Quantity: "500 lbs", Unit: "lb"

The bottom panel shows the MONGOSH shell with the following command history:

```
_>_MONGOSH
>
>db.rawMaterial.find({ type: "zippers" }).explain("executionStats");
< {
  explainVersion: "1",
  queryPlanner: {
    namespace: 'supplychainmanagement.rawMaterial',
    indexFilterSet: false,
    parsedQuery: {
      type: 'zippers'
    }
  }
}
```

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.rawMaterials

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search admin config cricket local sample\_mflix supplychainmanagement orders products rawMaterials shippments >\_MONGOSH

supplychainmanagement > rawMaterials

Documents 11 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3302b7323e8d072ac99')  
name: "zippers"  
supplier: "QUICK ZIPPERS"  
quantity: 1000  
unit: "kg"`

`_id: 228  
name: "Cotton"  
Supplier: "XYZ Textiles"  
Quantity: "500 lbs"  
Unit: "lb"`

id: 336

ENG US 4:50 PM 2024-04-04

3°C Cloudy

Search

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.rawMaterials

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search admin config cricket local sample\_mflix supplychainmanagement orders products rawMaterials shippments >\_MONGOSH

supplychainmanagement > rawMaterials

Documents 11 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3302b7323e8d072ac99')  
name: "zippers"  
supplier: "QUICK ZIPPERS"  
quantity: 1000  
unit: "kg"`

`_id: 228  
name: "Cotton"  
Supplier: "XYZ Textiles"  
Quantity: "500 lbs"  
Unit: "lb"`

id: 336

ENG US 4:51 PM 2024-04-04

3°C Cloudy

Search

The screenshot shows the MongoDB Compass interface connected to a database named 'harmandeepscluster'. The left sidebar displays databases like 'admin', 'config', 'cricket', 'local', 'sample\_mflix', and 'supplychainmanagement'. Under 'supplychainmanagement', the 'orders' collection is selected. The main pane shows the 'Indexes' tab with two existing indexes: '\_id\_ (REGULAR, UNIQUE)' and 'customer\_id\_1\_order\_date\_1 (REGULAR, COMPOUND)'. Below the indexes, the MongoDB shell command history shows the creation of these indexes:

```
> MONGOSH
> db.orders.createIndex({ _id: 1 })
{
  "name": "_id",
  "ns": "supplychainmanagement.orders",
  "key": {
    "_id": 1
  },
  "type": "REGULAR",
  "unique": true,
  "partialFilterExpression": null,
  "expireAfterSeconds": null
}
> db.products.createIndex({ name: 1 })
{
  "name": "name_1",
  "ns": "supplychainmanagement.orders",
  "key": {
    "name": 1
  },
  "type": "REGULAR",
  "unique": false,
  "partialFilterExpression": null,
  "expireAfterSeconds": null
}
> db.orders.createIndex({ customer_id: 1, order_date: 1 })
{
  "name": "customer_id_1_order_date_1",
  "ns": "supplychainmanagement.orders",
  "key": {
    "customer_id": 1,
    "order_date": 1
  },
  "type": "REGULAR",
  "unique": false,
  "partialFilterExpression": null,
  "expireAfterSeconds": null
}
> Atlas atlas-3h0zxq-shard-0 [primary] supplychainmanagement >
```

The screenshot shows the MongoDB Compass interface connected to a MongoDB cluster at `harmandeepscluster.1pv1br7.mongodb.net`. The left sidebar lists databases: admin, config, cricket, local, sample\_mflix, supplychainmanagement, orders, products, rawMaterials, and shipments. The main view is on the 'shipments' collection under the 'Indexes' tab, which contains two regular indexes: '\_id\_ (REGULAR, 36.9 KB, 27 documents)' and 'shipment\_date\_1 (REGULAR, 20.5 KB, 0 documents)'. The 'Properties' column indicates both are unique. Below the indexes, a terminal window shows the command history for creating these indexes:

```
> db.products.createIndex({ name: 1 });
< name_1
> db.orders.createIndex({ customer_id: 1, order_date: 1 });
< customer_id_1_order_date_1
> db.shipments.createIndex({ shipment_date: 1 });
< shipment_date_1
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement >
```

**MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers**

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today T-Shirts Suppliers Popularity Yesterday Round Self-Care Amazon Previous Check

>\_MONGOSH

```
> db.universal.createIndex({ customer_id: 1, order_date: -1 });
> customer_id_1_order_date_1
> db.shipments.createIndex({ shipment_date: 1 });
< shipment_date_1
> db.supplier.createIndex({ supplier_id: 1 });
< supplier_id_1
> db.suppliers.createIndex({ supplier_id: 1 });
< supplier_id_1
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

3°C Cloudy

ENG US 4:57 PM 2024-04-04

**supplychainmanagement > suppliers**

Documents Aggregations Schema Indexes Validation

Create Index Refresh

VIEWING INDEXES SEARCH INDEXES

Name and Definition	Type	Size	Usage	Properties
> _id_	REGULAR	36.9 KB	24 (since Wed Apr 03 2024)	UNIQUE
> supplier_id_1	REGULAR	20.5 KB	0 (since Thu Apr 04 2024)	

**MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.rawMaterials**

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today T-Shirts Suppliers Popularity Yesterday Round Self-Care Amazon Previous Check

>\_MONGOSH

```
> db.universal.createIndex({ supplier_id: 1, material_id: 1 });
< supplier_id_1_material_id_1
> db.supplier.createIndex({ supplier_id: 1 });
< supplier_id_1
> db.suppliers.createIndex({ supplier_id: 1 });
< supplier_id_1
> db.rawMaterials.createIndex({ material_id: 1 });
< material_id_1
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>
```

3°C Cloudy

ENG US 4:57 PM 2024-04-04

**supplychainmanagement > rawMaterials**

Documents Aggregations Schema Indexes Validation

Create Index Refresh

VIEWING INDEXES SEARCH INDEXES

Name and Definition	Type	Size	Usage	Properties
> _id_	REGULAR	36.9 KB	21 (since Wed Apr 03 2024)	UNIQUE
> material_id_1	REGULAR	20.5 KB	0 (since Thu Apr 04 2024)	

**MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.products**

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Databases cricket local sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers

supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

Create Index Refresh

VIEWING INDEXES SEARCH INDEXES

Name and Definition	Type	Size	Usage	Properties
> _id_	REGULAR	36.9 KB	28 (since Wed Apr 03 2024)	UNIQUE
> name_1	REGULAR	20.5 KB	0 (since Thu Apr 04 2024)	
> product_id_1	REGULAR	20.5 KB	0 (since Thu Apr 04 2024)	

>\_MONGOSH  
> db.suppliers.createIndex({ supplier\_id: 1 });  
< supplier\_id\_1  
> db.suppliers.createIndex({ supplier\_id: 1 });  
< supplier\_id\_1  
> db.rawMaterials.createIndex({ material\_id: 1 });  
< material\_id\_1  
> db.products.createIndex({ product\_id: 1 });  
< product\_id\_1  
Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

34 items

Cloudy 3°C Search ENG US 4:58 PM 2024-04-04

**MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders**

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Databases cricket local sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset FIND Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 11 of 11

_id: ObjectId('660df3732b7323e8d072ac9b') orderNumber : "OR0001" customer : "china" products : "watch"
_id: 1801 orderNumber : 1 customer : "Jaswinder Singh" products : "T-shirts"
_id: 1802 orderNumber : 200 customer : "China"

>\_MONGOSH  
< product\_id\_1  
> // Find orders by customer ID  
db.orders.find({ customer\_id: "123" })  
.explain("executionStats");  
< {  
 explainVersion: "1",  
 queryPlanner: {  
 namespace: 'supplychainmanagement.orders',  
 indexFilterSet: false  
 }  
}> explain("executionStats")  
{  
 "queryPlanner": {  
 "stage": "COLLSCAN",  
 "filter": {  
 "customer\_id": "123"  
 },  
 "projection": {}  
 },  
 "executionStats": {  
 "executionTimeMillis": 0,  
 "totalKeysExamined": 0,  
 "totalDocsExamined": 0,  
 "docsFromSkip": 0  
 },  
 "planSummary": "COLLSCAN on collection 'orders'"  
}  
35 items

Cloudy 3°C Search ENG US 5:01 PM 2024-04-04

MongoDB Compass - harmandeepscluster.1pv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... +

My Queries Performance Databases Search ...

Today T-Shirt Suppliers Popularity Yesterday Round Self-C Amazon Previous Checks >\_MONGOSH MongoDB Virtual Repo Job H

3°C Cloudy

My Queries My Queries supplychainmanagement products orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

\_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"

\_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"

\_id: 1002  
orderNumber: 200  
customer: "Girjeet"

ENG US 5:02 PM 2024-04-04

MongoDB Compass - harmandeepscluster.1pv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... +

My Queries Performance Databases Search ...

Today T-Shirt Suppliers Popularity Yesterday Round Self-C Amazon Previous Checks >\_MONGOSH MongoDB Virtual Repo Job H

3°C Cloudy

My Queries My Queries supplychainmanagement products orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

\_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"

\_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"

\_id: 1002  
orderNumber: 200  
customer: "Girjeet"

ENG US 5:03 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search cricket local sample\_mflix supplychainmanagement orders products

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"`

`_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"`

`_id: 1002  
orderNumber: 200  
customer: "Cieran"`

38 items

Cloudy 3°C

Search

ENG US 5:04 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search cricket local sample\_mflix supplychainmanagement orders products

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"`

`_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"`

`_id: 1002  
orderNumber: 200  
customer: "Cieran"`

39 items

Cloudy 3°C

Search

ENG US 5:05 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... +

My Queries Performance Databases Search ...

Today T-Shirts Suppliers Popularity Yesterday Round Self-C Amazon Previous Checks >\_MONGOSH

Mongo Virtual Repo Jo < {

Script MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

My Queries supplychainmanagement products orders

Documents 11 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or Generate query + Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

\_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "ORD001"  
customer: "china"  
products: "watch"

\_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"

\_id: 1002  
orderNumber: 200  
customer: "Suman"

1 - 11 of 11

ENG US 5:11 PM 2024-04-04

```
_id: ObjectId('660df3732b7323e8d072ac9b')
orderNumber: "ORD001"
customer: "china"
products: "watch"

_id: 1001
orderNumber: 1
customer: "Jaswinder Singh"
products: "T-shirts"

_id: 1002
orderNumber: 200
customer: "Suman"
```

Feels colder Now

Search

Script MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

My Queries supplychainmanagement products orders

Documents 11 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or Generate query + Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

\_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "ORD001"  
customer: "china"  
products: "watch"

\_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"

\_id: 1002  
orderNumber: 200  
customer: "Suman"

1 - 11 of 11

ENG US 5:12 PM 2024-04-04

```
_id: ObjectId('660df3732b7323e8d072ac9b')
orderNumber: "ORD001"
customer: "china"
products: "watch"

_id: 1001
orderNumber: 1
customer: "Jaswinder Singh"
products: "T-shirts"

_id: 1002
orderNumber: 200
customer: "Suman"
```

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search cricket local sample\_mflix supplychainmanagement orders products

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

\_id: ObjectId("666df3732b7323e8d072ac9b")  
orderNumber : "ORD001"  
customer : "china"  
products : "watch"

\_id: 1001  
orderNumber : 1  
customer : "Jaswinder Singh"  
products : "T-shirts"

\_id: 1002  
orderNumber : 200  
customer : "Suman"

1 - 11 of 11

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

2°C Cloudy Search ENG US 5:12 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search T-Shirt Suppliers Populi Yesterday Round Self-C Amazon Previous Check Mong Virtua Rep Jo H

Today

sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers

supplychainmanagement > suppliers

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

address : "123 Street, brampton, canada"

\_id: "SP1111"  
name : "ABC Manufacturing"  
contact : "555-555-5555"  
address : "123 Main St."

\_id: "SP1112"  
name : "XYZ Supplies"  
contact : "555-555-5556"  
address : "456 Elm St."

\_id: "SP1113"

1 - 11 of 11

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

2°C Cloudy Search ENG US 5:18 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.suppliers

Connect Edit View Collection Help

harmandeepscl... +

My Queries Performance Databases Search

Today T-Shirt Suppliers Popularity Yesterday Round Self-C Amazon Previous Check Mong... Virtual Repo Jo... H Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement > suppliers

Documents 11 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE

address: "123 Street, Brampton, Canada"

\_id: "SP1111" name: "ABC Manufacturing" contact: "555-555-5555" address: "123 Main St."

\_id: "SP1112" name: "XYZ Supplies" contact: "555-555-5556" address: "456 Elm St."

\_id: "SP1113"

```
>_MONGOSH
>db.suppliers.insert([
  {
    name: 'Kappa Corp',
    contact: '555-555-5550',
    address: '1333 Walnut Dr.'
  }
])

```

11 documents

ENG US 5:18 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement

Connect Edit View Help

harmandeepscl... +

My Queries Performance Databases Search

orders products rawMaterials shipments

Storage size: 20.48 kB Documents: 11 Avg. document size: 75.00 B Indexes: 1 Total index size: 36.86 kB

Storage size: 20.48 kB Documents: 11 Avg. document size: 123.00 B Indexes: 1 Total index size: 36.86 kB

Storage size: 20.48 kB Documents: 11 Avg. document size: 96.00 B Indexes: 1 Total index size: 36.86 kB

Storage size: 20.48 kB Documents: 11 Avg. document size: 75.00 B Indexes: 1 Total index size: 36.86 kB

```
>_MONGOSH
>db.rawMaterials.aggregate([
  { $sort: { quantity: -1 } }
]);
< [
  {
    _id: ObjectId('660df3302b7323e8d072ac99'),
    name: 'zippers',
    supplier: 'QUICK ZIPPERS',
    quantity: 1000,
    ...
]
45 items
```

ENG US 5:19 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.products

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today T-Shirt Suppliers Popularity Yesterday supplychainmanagement Round Self-CHECK Amazon Previous Check >\_MONGOSH

Mongo Virtus Rep Jockey H

2°C Cloudy

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.products

supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3502b7323e8d072ac9a')  
name: "t-shirt"  
description: "mens cotton t-shirt,size large,blue"  
cost: 55  
quantity: 100`

`_id: 988  
name: "t-shirt"  
description: "Men's cotton T-shirt, size large, blue"  
cost: "$15.00"  
quantity: 40`

`id: 888`

ENG US 5:20 PM 2024-04-04

Details

shot 1-04 56  
shot 1-04 12  
shot 1-04 16  
shot 1-04 12  
shot 1-04 16

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.shipments

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

Today T-Shirt Suppliers Popularity Yesterday supplychainmanagement Round Self-CHECK Amazon Previous Check >\_MONGOSH

Mongo Virtus Rep Jockey H

2°C Cloudy

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.shipments

supplychainmanagement > shipments

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1–11 of 11

`_id: ObjectId('660df3902b7323e8d072ac9c')  
shipmentNumber: "SHIP001"  
origin: " USA"  
destination: "INDIA"  
status: "Delivered"  
products: "jeans"`

`_id: 1111  
ShipmentNumber: "SH111"  
origin: "New York, USA"  
destination: "London, UK"  
products: "T-shirts"  
Status: "In Transit"`

48 items

ENG US 5:26 PM 2024-04-04

Details

shot 1-04 56  
shot 1-04 12  
shot 1-04 16  
shot 1-04 12  
shot 1-04 16

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.shipments

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

supplychainmanagement > shipments

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1-11 of 11

`_id: ObjectId('660df3902b7323e8d072ac9c')  
shipmentNumber: "SHIP001"  
origin: "USA"  
destination: "INDIA"  
status: "Delivered"  
products: "jeans"`

`_id: 1111  
ShipmentNumber: "SH11"  
origin: "New York, USA"  
destination: "London, UK"  
products: "T-shirts"  
Status: "In Transit"`

>\_MONGOSH

`_id: 1111,  
orderNumber: 300,  
customer: 'Gurshan',  
products: 'Dresses',  
shipped_products: [  
{  
_id: 1114,  
ShipmentNumber: 'SH14',  
origin: 'Mumbai, India',`

49 items

Cloudy 2°C

Search

ENG US 5:26 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.shipments

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search

supplychainmanagement > shipments

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1-11 of 11

`_id: ObjectId('660df3902b7323e8d072ac9c')  
shipmentNumber: "SHIP001"  
origin: "USA"  
destination: "INDIA"  
status: "Delivered"  
products: "jeans"`

`_id: 1111  
ShipmentNumber: "SH11"  
origin: "New York, USA"  
destination: "London, UK"  
products: "T-shirts"  
Status: "In Transit"`

>\_MONGOSH

`db.products.aggregate([  
{ $count: "total_products" }  
]);  
< {  
total_products: 11  
}`

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

Cloudy 2°C

Search

ENG US 5:30 PM 2024-04-04

The screenshot shows the MongoDB Compass interface connected to the database 'harmandeepscluster' and collection 'products'. The left sidebar displays the database structure, including 'admin', 'config', 'cricket', 'local', 'sample\_mflix', 'supplychainmanagement' (which contains 'orders', 'products', and 'rawMaterials'), and '\_attachments'. The main pane shows the 'products' collection with 11 documents. A document is selected, showing its details:

```
_id: ObjectId('660df3502b7323e8d072ac9a')
name: "t-shirt"
description: "mens cotton t-shirt,size large,blue"
cost: 55
quantity: 100
```

Below this, another document is shown:

```
_id: 988
name: "T-shirt"
description: "Men's cotton T-shirt, size large, blue"
cost: "$15.00"
quantity: 40
```

The bottom-left corner of the screen shows a code editor with a MongoDB query:

```
>_MONOOSH
Mongo > db.orders.aggregate([
  {
    $lookup: {
      from: "products",
      localField: "products.product_id",
      foreignField: "_id",
      as: "product_info"
    }
  }
])
```

MongoDB Compass - harmandeepsc1... - MongoDB Compass

Connect Edit View Collection Help

My Queries supplychainmanagement products

supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

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

[Explain](#) [Reset](#) [Find](#) [Options](#)

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

1 - 11 of 11

`_id: ObjectId('660df3502b7323e8d072ac9a')  
name: "t-shirt"  
description: "mens cotten t-shirt,size large,blue"  
cost: 55  
quantity: 100`

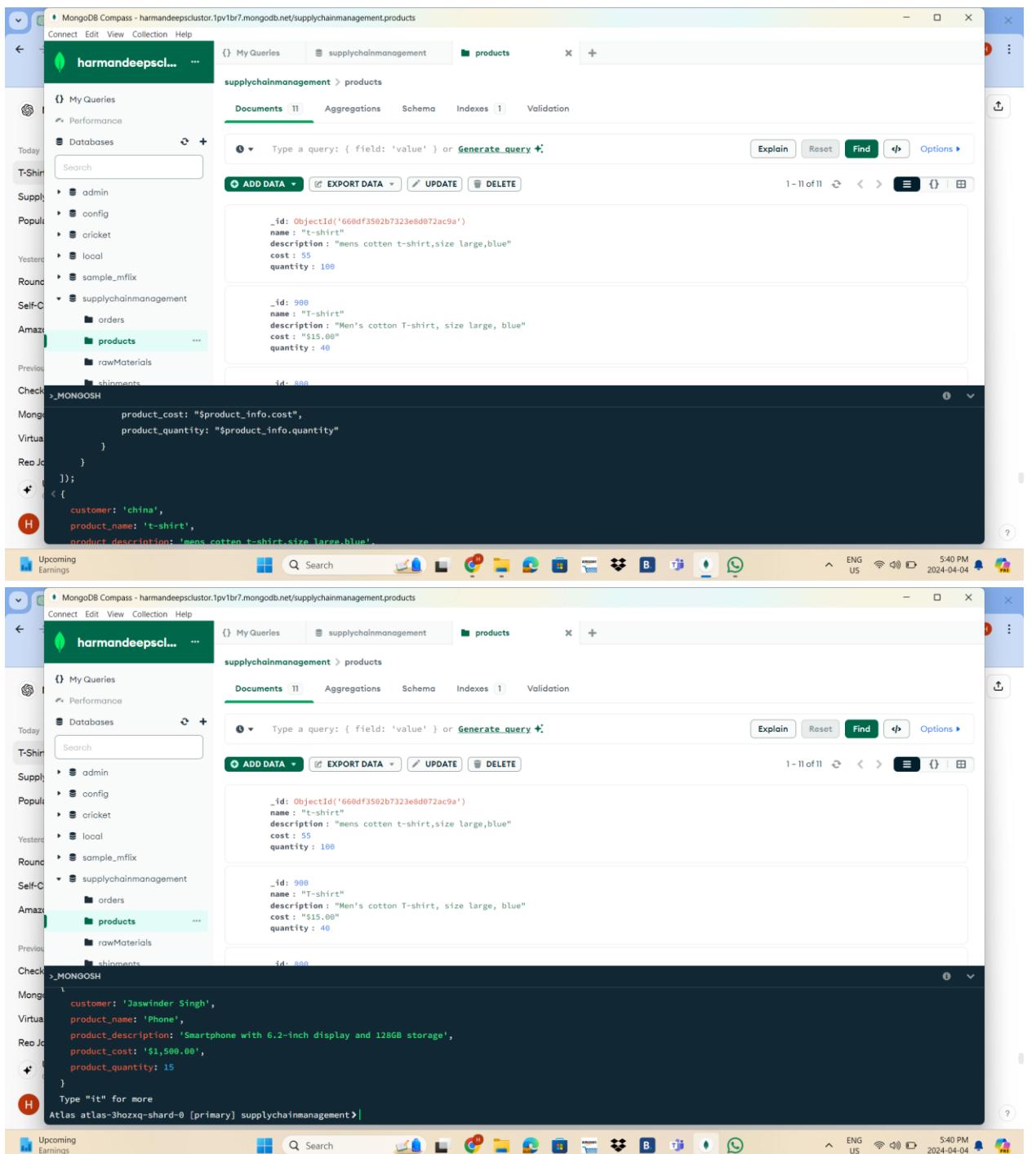
`_id: 900  
name: "t-shirt"  
description: "Men's cotton T-shirt, size large, blue"  
cost: "$15.00"  
quantity: 40`

`>_MONGOSH`

```
$unwind: "$product_info"
},
{
  $project: {
    _id: 0,
    order_number: 1,
    customer: 1,
    product_name: "$product_info.name",
    product_description: "$product_info.description"
```

Upcoming Earnings Search

5:40 AM 2024-04-04 ENG US



MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.products

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search admin config cricket local sample\_mflix supplychainmanagement orders products ...

Databases > supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

`_id: ObjectId('660df3502b7323e8d072ac9a')  
name: "t-shirt"  
description: "mens cotton t-shirt,size large,blue"  
cost: 55  
quantity: 100`

`_id: 988  
name: "T-shirt"  
description: "Men's cotton T-shirt, size large, blue"  
cost: "$15.00"  
quantity: 40`

`id: 888`

54 items

Regional Rd-107... Clearing soon

542 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.products

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search admin config cricket local sample\_mflix supplychainmanagement orders products ...

Databases > supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

`_id: ObjectId('660df3502b7323e8d072ac9a')  
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description: "mens cotton t-shirt,size large,blue"  
cost: 55  
quantity: 100`

`_id: 988  
name: "T-shirt"  
description: "Men's cotton T-shirt, size large, blue"  
cost: "$15.00"  
quantity: 40`

`id: 888`

55 items

543 PM 2024-04-04

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.products

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search admin config cricket local sample\_mflix supplychainmanagement orders products shipments

supplychainmanagement > products

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

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

`_id: ObjectId('660df3502b7323e8d072ac9a')  
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description: "mens cotton t-shirt, size large, blue"  
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quantity: 100`

`_id: 988  
name: "T-shirt"  
description: "Men's cotton T-shirt, size large, blue"  
cost: "$15.00"  
quantity: 40`

`id: 888`

1 - 11 of 11

Atlas atlas-3hozxq-shard-0 [primary] supplychainmanagement>

56 items

Cloudy 2°C

MongoDB Compass - harmandeepscluster.ipv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search local sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers workloads tennis player

supplychainmanagement > orders

Documents 11 Aggregations Schema Indexes 1 Validation

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

EXPLAIN Reset Find Options

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

`_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"`

`_id: 1881  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"`

`_id: 1002  
orderNumber: 200  
customer: "China"`

1 - 11 of 11

>\_MONGOSH

`> db.orders.aggregate([  
 {  
 $lookup: {  
 from: "shipments",  
 localField: "products",  
 foreignField: "products",  
 as: "shipment_info"  
 }  
 }  
> ])`

57 items

Cloudy 2°C

ENG US 5:43 PM 2024-04-04

Cloudy 2°C

ENG US 5:46 PM 2024-04-04

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search local sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers workloads tennis\_plover >\_MONGOSH

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

Documents 11 Aggregations Schema Indexes 1 Validation

ADD DATA EXPORT DATA UPDATE DELETE

`_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"`

`_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"`

`_id: 1002  
orderNumber: 200  
customer: "Suman"`

1-11 of 11

ENG US 5:48 PM 2024-04-04

2°C Cloudy

MongoDB Compass - harmandeepscluster.tpv1br7.mongodb.net/supplychainmanagement.orders

Connect Edit View Collection Help

harmandeepscl... ...

My Queries Performance Databases Search local sample\_mflix supplychainmanagement orders products rawMaterials shipments suppliers workloads tennis\_plover >\_MONGOSH

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

Documents 11 Aggregations Schema Indexes 1 Validation

ADD DATA EXPORT DATA UPDATE DELETE

`_id: ObjectId('660df3732b7323e8d072ac9b')  
orderNumber: "OR0001"  
customer: "china"  
products: "watch"`

`_id: 1001  
orderNumber: 1  
customer: "Jaswinder Singh"  
products: "T-shirts"`

`_id: 1002  
orderNumber: 200  
customer: "Suman"`

1-11 of 11

ENG US 5:49 PM 2024-04-04

2°C Cloudy