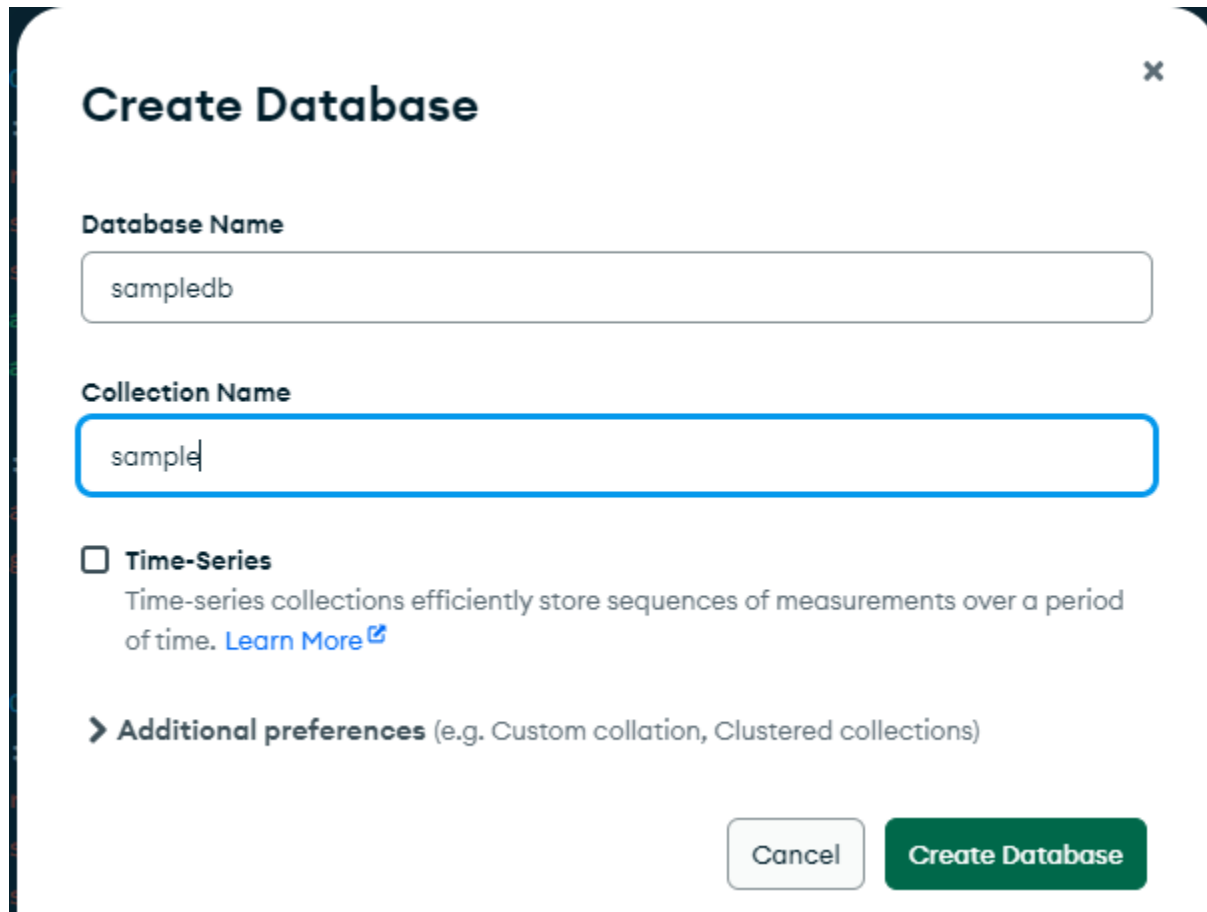


Database drop,delete collections, update documents

01.Create database as sampled, create collection sample



The screenshot shows a 'Create Database' dialog box with a close button (x) in the top right corner. It contains two text input fields: 'Database Name' with the value 'sampledb' and 'Collection Name' with the value 'sample'. Below these fields is a checkbox labeled 'Time-Series' which is currently unchecked. A descriptive text below the checkbox states: 'Time-series collections efficiently store sequences of measurements over a period of time. [Learn More](#)'. At the bottom, there is a link '> Additional preferences (e.g. Custom collation, Clustered collections)'. At the bottom right, there are two buttons: 'Cancel' and 'Create Database'.

2.use sampled

switched to db sampled

3.drop database

```
db.dropDatabase()
```

```
{ ok: 1, dropped: 'sampledb' }
```

```
> use sampled
< switched to db sampled
> db.dropDatabase()
< { ok: 1, dropped: 'sampled' }
sampled>
```

4.create database as checkdb, collection as sampledata

×

Create Database

Database Name

checkdb

Collection Name

sampladata

☐ Time-Series

Time-series collections efficiently store sequences of measurements over a period of time. [Learn More](#)

➤ Additional preferences

(e.g. Custom collation, Clustered collections)

Cancel

Create Database

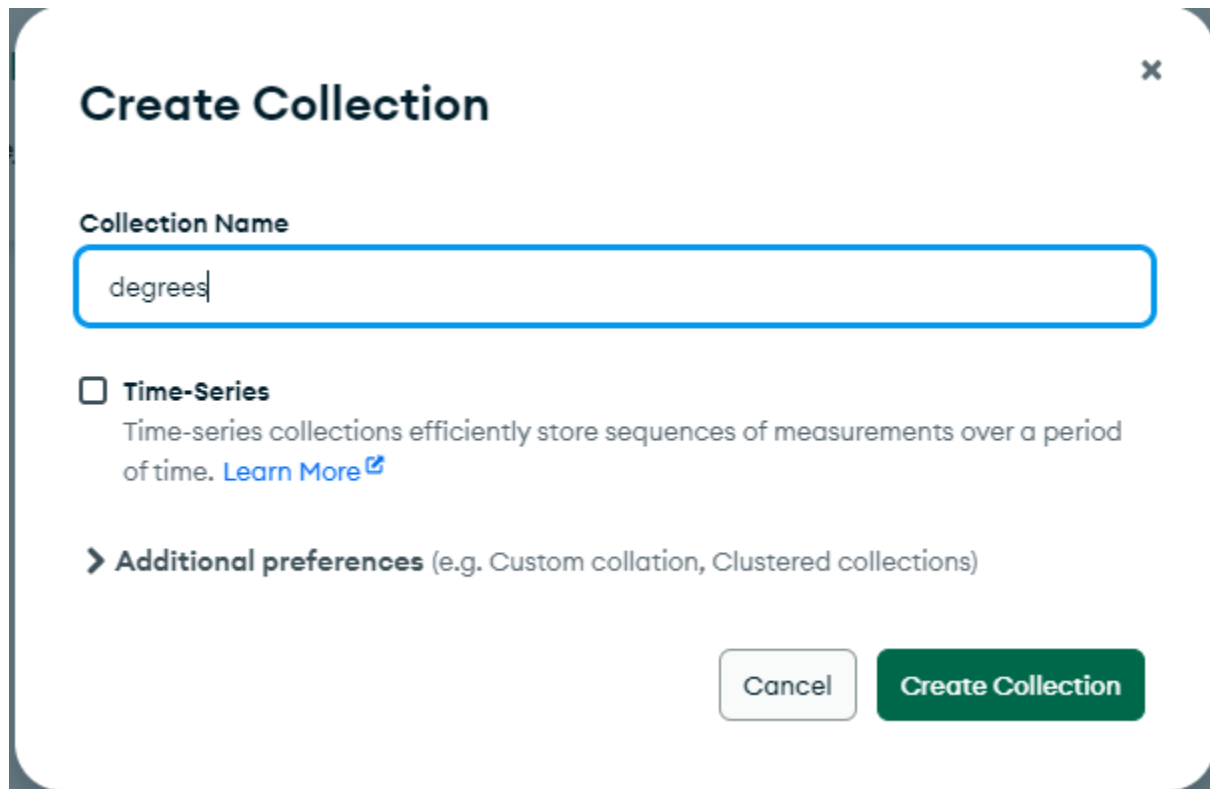
5.drop collection

```
db.sampladata.drop()
```

```
true
```

```
> db.sampledata.drop()  
< true
```

6. In checkdb database create collection as degrees

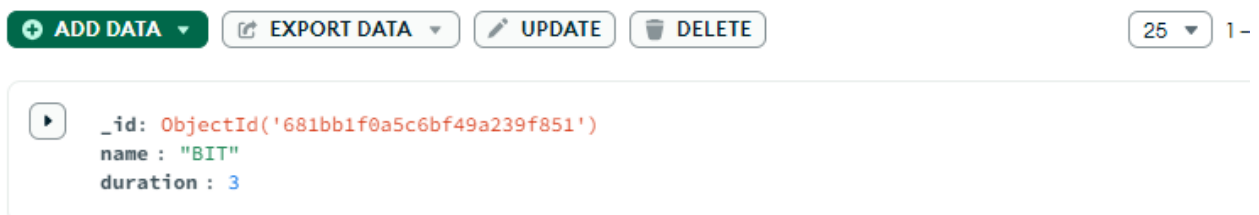


The image shows a 'Create Collection' dialog box with a close button (X) in the top right corner. The title 'Create Collection' is at the top. Below it is a 'Collection Name' label and a text input field containing the word 'degrees'. Underneath the input field is a checkbox labeled 'Time-Series'. To the right of the checkbox is a description: 'Time-series collections efficiently store sequences of measurements over a period of time. [Learn More](#)'. Below this is a section header 'Additional preferences' with a right-pointing arrow and a subtitle '(e.g. Custom collation, Clustered collections)'. At the bottom right are two buttons: 'Cancel' and 'Create Collection'.

7. Then insert documents

"name": "BIT",

"duration": 3



The image shows a database interface with a toolbar at the top containing buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. On the right side of the toolbar is a dropdown menu showing '25' and a '1 -' indicator. Below the toolbar is a list of documents. The first document is shown with a play button icon on the left and the following JSON structure:

```
{  "_id": ObjectId('681bb1f0a5c6bf49a239f851'),  "name": "BIT",  "duration": 3}
```

8.insert multiple documents

```
"duration":4
},
{
"name": "B.Sc in Applied Mathematics",
"duration":3
},
{
"name": "B.Sc in Computer Science",
"duration":4
}]
```

ADD DATA ▾		EXPORT DATA ▾		UPDATE	DELETE	25 ▾	1 - 4 of 4	↺	↻	↷
<pre>_id: ObjectId('681bb1f0a5c6bf49a239f851') name : "BIT" duration : 3</pre>										
<pre>_id: ObjectId('681bb3d0a5c6bf49a239f855') name : "B.Sc in IT" duration : 4</pre>										
<pre>_id: ObjectId('681bb3d0a5c6bf49a239f856') name : "B.Sc in Applied Mathema0cs" dura0on : 3</pre>										
<pre>_id: ObjectId('681bb3d0a5c6bf49a239f857') name : "B.Sc in Computer Science" dura0on : 4</pre>										

9.delete particular object id

```
db.degrees.deleteOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')})
```

```

> db.degrees.deleteOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')})
< {
  acknowledged: true,
  deletedCount: 1
}
checkdb >

```

10. db.degrees.find().projection(['name'])

```

> db.degrees.find().projection(['name'])
< {
  _id: ObjectId('681bb3d0a5c6bf49a239f855'),
  name: 'B.Sc in IT'
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f856'),
  name: 'B.Sc in Applied Mathematics'
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f857'),
  name: 'B.Sc in Computer Science'
}

```

11. db.degrees.find().projection([{'name':1},{'_id':-1}])

```

> db.degrees.find().projection([{'name':1},{'_id':-1}])
< {
  _id: ObjectId('681bb3d0a5c6bf49a239f855')
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f856')
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f857')
}

```

12. db.degrees.find().projection(['name','duration'])

```
> db.degrees.find().projection(['name','duration'])
< {
  _id: ObjectId('681bb3d0a5c6bf49a239f855'),
  name: 'B.Sc in IT',
  duration: 4
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f856'),
  name: 'B.Sc in Applied Mathematics'
}
{
  _id: ObjectId('681bb3d0a5c6bf49a239f857'),
  name: 'B.Sc in Computer Science'
}
```

13. db.degrees.find({}, {name:1, _id:0}).pretty()

```
> db.degrees.find({}, {name:1, _id:0}).pretty()
< {
  name: 'B.Sc in IT'
}
{
  name: 'B.Sc in Applied Mathematics'
}
{
  name: 'B.Sc in Computer Science'
}
```

14. db.degrees.deleteMany({duration:{\$lt:4}})

```
> db.degrees.deleteMany({duration:{$lt:4}})
< {
  acknowledged: true,
  deletedCount: 0
}
```

15.db.degrees.updateOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')},{ \$set:{name:'BIT',duration:3}})

```
> db.degrees.updateOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')},{ $set:{name:'BIT',duration:3}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
```

16.db.degrees.updateMany({duration:{\$gte:4}},{\$inc:{duration:1}})

```
> db.degrees.updateMany({duration:{$gte:4}},{$inc:{duration:1}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
checkdb >
```