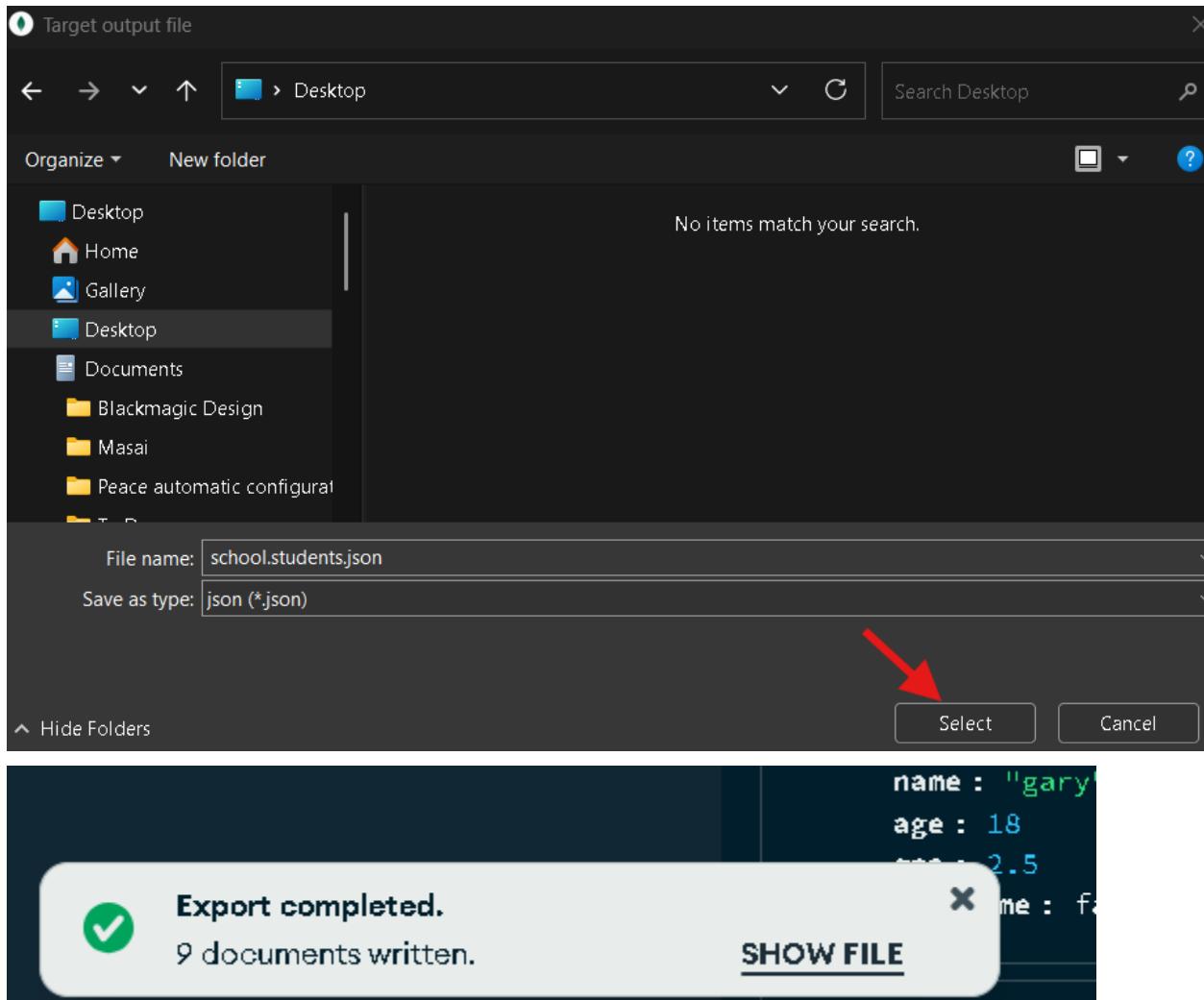


Delete Method in MongoDB:

Export the collection, then try to delete them. Helps in retrieving back.

The screenshot shows the MongoDB Compass interface for the 'students' collection. At the top, there's a navigation bar with 'students' selected. Below it, the URL is 'localhost:27017 > school > students'. The main area shows 'Documents' (9) and 'Indexes' (1). A query input field says 'Type a query: { field: 'value' } or [Generate query](#)'. Below it are buttons for 'ADD DATA', 'UPDATE', 'DELETE', 'EXPORT DATA', and 'EXPO'. A document preview shows '_id: ObjectId('69804ab8864a660af4628...', 'name : "spongebob"', 'age : 30'. A red arrow points from the 'EXPORT DATA' button to a dropdown menu that includes 'Export query results' and 'Export the full collection', with 'Export the full collection' highlighted. A large red arrow points down to the 'Export' dialog box. This dialog has 'Export' at the top, 'Collection school.students', 'Export File Type' with 'JSON' selected (highlighted by a green box), 'CSV' as an option, 'Advanced JSON Format' with a right-pointing arrow, and 'Cancel' and 'Export...' buttons at the bottom. A final red arrow points down to the 'Export...' button.



To delete a document:

Click trash icon

```
_id: ObjectId('69804ab8864a660af4628ca0')
name: "spiderman"
age: 30
gpa: 3.2
fullTime: false
```

```
_id: ObjectId('69804ab8864a660af4628ca0')
name: "spongebob"
age: 30
gpa: 3.2
fullTime: false
```

1 document flagged for deletion.

CANCEL DELETE

In the Shell to delete the document:

```
school> db.students.find({name: "Name3"})
[
  {
    _id: ObjectId('69807a96aa017ce650cd809b'),
    name: 'Name3',
    age: 42,
    gpa: 6.2,
    fullTime: false
  }
]
school> db.students.deleteOne({name: "Name3"})
{ acknowledged: true, deletedCount: 1 }
school> db.students.find({name: "Name3"})

school> █
```

To Delete Many documents by condition:

```
school> db.students.find()
[
  {
    _id: ObjectId('698075a0c41c5afdf628ca0'),
    name: 'patrick',
    age: 38,
    gpa: 1.5,
    fullTime: false
  },
  {
    _id: ObjectId('698075a0c41c5afdf628ca1'),
    name: 'sandy',
    age: 27,
    gpa: 4,
    fullTime: false
  },
  {
    _id: ObjectId('698075a0c41c5afdf628ca2'),
    name: 'gary',
    age: 18,
    gpa: 2.5,
    fullTime: false
  },
]
```

```
{
  _id: ObjectId('69807998aa017ce650cd8097'),
  name: 'mongo',
  age: 32,
  gpa: 3.2,
  fullTime: false
},
{
  _id: ObjectId('69807a96aa017ce650cd8099'),
  name: 'Name1',
  age: 12,
  gpa: 1.2,
  fullTime: true
},
{
  _id: ObjectId('69807a96aa017ce650cd809a'),
  name: 'Name2',
  age: 22,
  gpa: 2.4,
  fullTime: true
},
{
  _id: ObjectId('69808144c41c5afdf628ca4'),
  name: 'Larry',
  age: 32,
  gpa: 3.2,
  fullTime: false,
  registerDate: ISODate('2026-02-02T10:49:40.654Z'),
  graduationDate: null,
  courses: [ 'Biology', 'Chemistry', 'Calculus' ],
  address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
}
]
school> db.students.deleteMany({fullTime: true})
      { acknowledged: true, deletedCount: 2 }
school> db.students.find()
[
{
  _id: ObjectId('698075a0c41c5afdf628ca0'),
  name: 'patrick',
  age: 38,
  gpa: 1.5,
  fullTime: false
},
```

```

{
  _id: ObjectId('698075a0c41c5afdf628ca1'),
  name: 'sandy',
  age: 27,
  gpa: 4,
  fullTime: false
},
{
  _id: ObjectId('698075a0c41c5afdf628ca2'),
  name: 'gary',
  age: 18,
  gpa: 2.5,
  fullTime: false
},
{
  _id: ObjectId('69807998aa017ce650cd8097'),
  name: 'mongo',
  age: 32,
  gpa: 3.2,
  fullTime: false
},
{
  _id: ObjectId('69808144c41c5afdf628ca4'),
  name: 'Larry',
  age: 32,
  gpa: 3.2,
  fullTime: false,
  registerDate: ISODate('2026-02-02T10:49:40.654Z'),
  graduationDate: null,
  courses: [ 'Biology', 'Chemistry', 'Calculus' ],
  address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
}
]

```

If Registered Date is not available, then delete the documents:

school> db.students.find()

```

[
{
  _id: ObjectId('698075a0c41c5afdf628ca0'),
  name: 'patrick',
  age: 38,
  gpa: 1.5,
  fullTime: false
},
{

```

```
_id: ObjectId('698075a0c41c5afdf628ca1'),
name: 'sandy',
age: 27,
gpa: 4,
fullTime: false
},
{
_id: ObjectId('698075a0c41c5afdf628ca2'),
name: 'gary',
age: 18,
gpa: 2.5,
fullTime: false
},
{
_id: ObjectId('69807998aa017ce650cd8097'),
name: 'mongo',
age: 32,
gpa: 3.2,
fullTime: false
},
{
_id: ObjectId('69808144c41c5afdf628ca4'),
name: 'Larry',
age: 32,
gpa: 3.2,
fullTime: false,
registerDate: ISODate('2026-02-02T10:49:40.654Z'),
graduationDate: null,
courses: [ 'Biology', 'Chemistry', 'Calculus' ],
address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
}
]
school> db.students.deleteMany({registerDate: { $exists:false } })
          { acknowledged: true, deletedCount: 4 }
school> db.students.find()
[
{
_id: ObjectId('69808144c41c5afdf628ca4'),
name: 'Larry',
age: 32,
gpa: 3.2,
fullTime: false,
registerDate: ISODate('2026-02-02T10:49:40.654Z'),
graduationDate: null,
```

```
        courses: [ 'Biology', 'Chemistry', 'Calculus' ],
        address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
    }
]
```

Refresh it in Compass:

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

- Project:** students
- Path:** localhost:27017 > school > students
- Documents:** 1 (highlighted in green)
- Aggregations:** 0
- Schema:** 0
- Indexes:** 1
- Validation:** 0

The main area displays a single document with the following fields and values:

```
_id: ObjectId('69808144c41c5afdcf628ca4')
name : "Larry"
age : 32
gpa : 3.2
fullTime : false
registerDate : 2026-02-02T10:49:40.654+00:00
graduationDate : null
courses : Array (3)
address : Object
```

A red arrow points to the "refresh" icon (a circular arrow) located in the top right corner of the document preview area.

To add data we can import:

📁 students +

localhost:27017 > school > students

Documents 1 Aggregations Schema

⌚ ▾ Type a query: { field: 'value' }

ADD DATA UPDATE DELETE

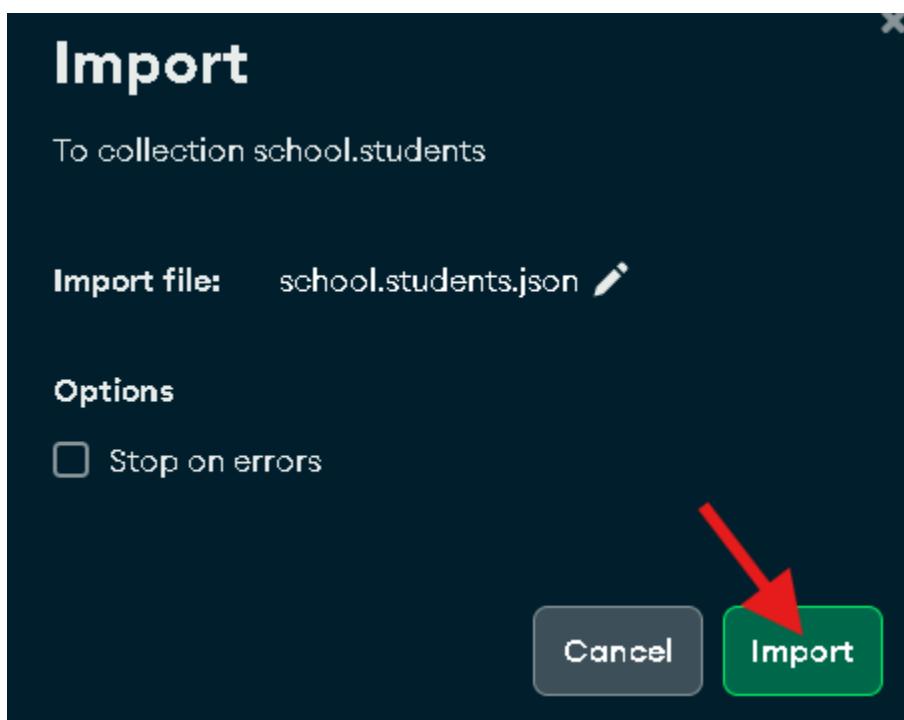
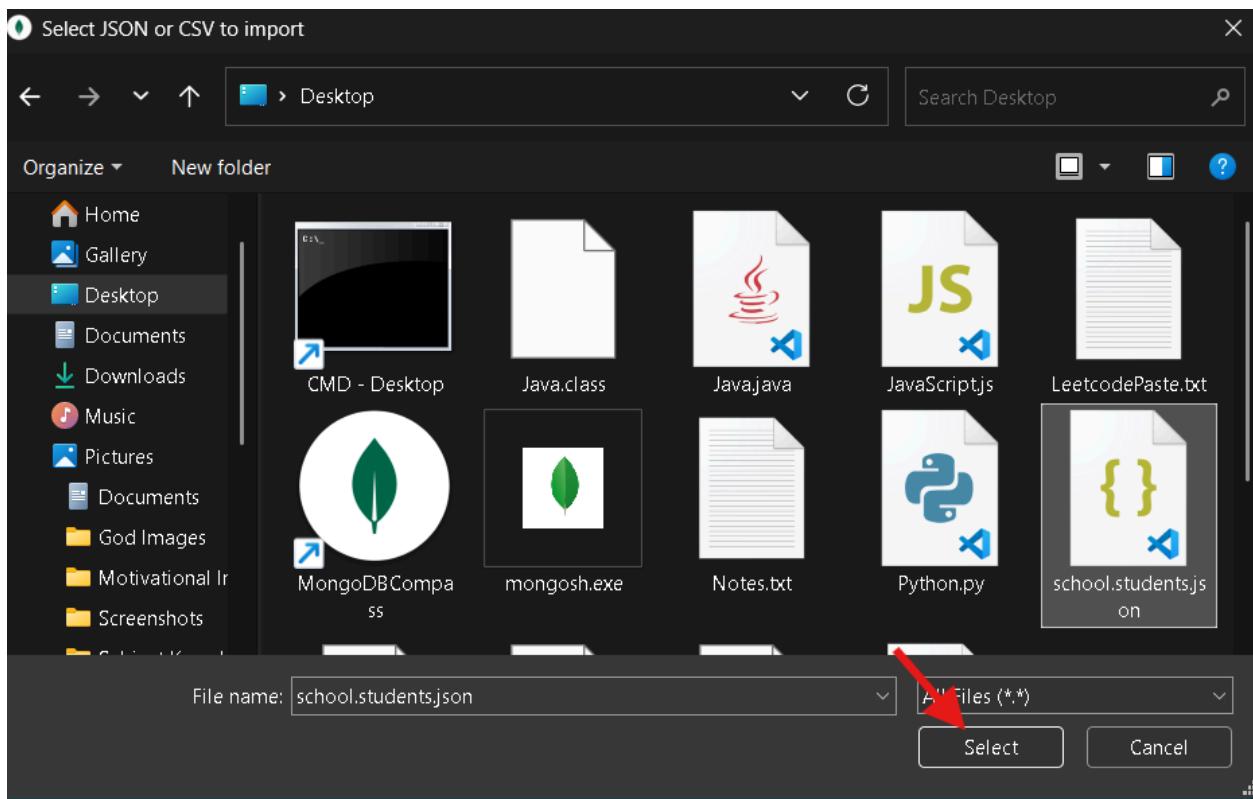
Import JSON or CSV file

Insert document

gpa : 3.2
fullTime : false
registerDate : 2026-02-02T10:49:40.654
graduationDate : null
courses : Array (3)
address : Object

14c41c5afdcf628ca

A screenshot of the MongoDB Compass interface for a 'students' collection. The top navigation bar shows 'localhost:27017 > school > students'. Below the navigation, there are tabs for 'Documents' (with 1 item), 'Aggregations', and 'Schema'. A search bar contains the placeholder 'Type a query: { field: 'value' }'. Below the search bar are buttons for 'ADD DATA' (with a red arrow pointing to it), 'UPDATE', and 'DELETE'. A large button labeled 'Import JSON or CSV file' is highlighted with a red box. A modal window titled 'Insert document' is open, showing a preview of a document with fields: gpa (3.2), fullTime (false), registerDate (2026-02-02T10:49:40.654), graduationDate (null), courses (Array (3)), and address (Object). The document ID '14c41c5afdcf628ca' is visible on the right side of the interface.



Got all the data:

ADD DATA		UPDATE	DELETE	EX
<pre>_id: ObjectId('69808144c41c5afdcf628ca4') name : "Larry" age : 32 gpa : 3.2 fullTime : false registerDate : 2026-02-02T10:49:40.654+00:00 graduationDate : null ▶ courses : Array (3) ▶ address : Object</pre>				
<pre>_id: ObjectId('69804ab8864a660af4628ca0') name : "spongebob" age : 30 gpa : 3.2 fullTime : false</pre>				
<pre>_id: ObjectId('698075a0c41c5afdcf628ca0') name : "patrick" age : 38 gpa : 1.5 fullTime : false</pre>				
<pre>_id: ObjectId('698075a0c41c5afdcf628ca1') name : "sandy" age : 27 gpa : 3.5 fullTime : false</pre>				