





Find data from Patient Collection using Projection

We have a database named Hospital. Inside the Hospital database, there is a collection named Patient.

Hospital.Patient

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' }

ADD DATA  **VIEW**   

```
_id: ObjectId('636a22d3b0715dd1a7af458a')
name: "Sabbir"
age: 23
address: "Dinajpur"
phone: 1729892494
```

```
_id: ObjectId('636a2ac6765056399e0544cf')
name: "Moshiur"
age: 24
address: "Mohonpur"
phone: 256723827
```

```
_id: ObjectId('636a2ac6765056399e0544d0')
name: "Arosh"
age: 25
address: "Feni"
phone: 1563284682
```

```
_id: ObjectId('636a2ac6765056399e0544d1')
name: "Shamim"
age: 27
address: "Rangpur"
phone: 257899307
```

```
_id: ObjectId('636a2ac6765056399e0544d2')
name: "Hasibul"
age: 23
address: "Bogra"
phone: 1867523646
```

```
_id: ObjectId('636a2cf500cdc213d5ba2be5')
name: "Ifty"
age: 22
address: "Dhaka"
phone: 2349857238
```

```
_id: ObjectId('636a2cf500cdc213d5ba2be6')
name: "Sobuj"
age: 22
address: "Thakurgaon"
phone: 23948729347
```

```
_id: ObjectId('636a2cf500cdc213d5ba2be7')
name: "Mondol"
age: 32
address: "Rangpur"
phone: 2836482763
```

```
_id: ObjectId('636a2cf500cdc213d5ba2be8')
name: "Bulbul"
age: 29
address: "Rajshahi"
phone: 2342532532
```

We can view the documents in table format:

Hospital.Patient

Documents Aggregations Schema Explain Plan Indexes Validation

#	Patient				
	_id ObjectId	name String	age Double	address String	phone Double
1	ObjectId('636a22d3b0715dd1a7a...')	"Sabbir"	23	"Dinajpur"	1729892494
2	ObjectId('636a2ac6765056399e0...')	"Moshir"	24	"Mohonpur"	256723827
3	ObjectId('636a2ac6765056399e0...')	"Arosh"	25	"Feni"	1563284682
4	ObjectId('636a2ac6765056399e0...')	"Shamin"	27	"Rangpur"	257899307
5	ObjectId('636a2ac6765056399e0...')	"Hasibul"	23	"Bogra"	1867523646
6	ObjectId('636a2cf500cdc213d5b...')	"Ifty"	22	"Dhaka"	2349857238
7	ObjectId('636a2cf500cdc213d5b...')	"Sobuj"	22	"Thakurgaon"	23948729347
8	ObjectId('636a2cf500cdc213d5b...')	"Mondol"	32	"Rangpur"	2836482763
9	ObjectId('636a2cf500cdc213d5b...')	"Bulbul"	29	"Rajshahi"	2342532532

Projection selects only necessary field.

MongoDB shell command:

```
db.Patient.find({}, {name: 1, age: 1, _id: 0})
```

After finding data:

```
> db.Patient.find({}, {name: 1, age: 1, _id: 0})
{ "name" : "Sabbir", "age" : 23 }
{ "name" : "Moshiur", "age" : 24 }
{ "name" : "Arosh", "age" : 25 }
{ "name" : "Shamim", "age" : 27 }
{ "name" : "Hasibul", "age" : 23 }
{ "name" : "Ifty", "age" : 22 }
{ "name" : "Sobuj", "age" : 22 }
{ "name" : "Mondol", "age" : 32 }
{ "name" : "Bulbul", "age" : 29 }
```