

# MONGODB - PROJECTION

[https://www.tutorialspoint.com/mongodb/mongodb\\_projection.htm](https://www.tutorialspoint.com/mongodb/mongodb_projection.htm)

Copyright © tutorialspoint.com

In MongoDB, projection means selecting only the necessary data rather than selecting whole of the data of a document. If a document has 5 fields and you need to show only 3, then select only 3 fields from them.

## The find Method

MongoDB's **find** method, explained in [MongoDB Query Document](#) accepts second optional parameter that is list of fields that you want to retrieve. In MongoDB, when you execute **find** method, then it displays all fields of a document. To limit this, you need to set a list of fields with value 1 or 0. 1 is used to show the field while 0 is used to hide the fields.

## Syntax

The basic syntax of **find** method with projection is as follows –

```
>db.COLLECTION_NAME.find({}, {KEY:1})
```

## Example

Consider the collection mycol has the following data –

```
{ "_id" : ObjectId(5983548781331adf45ec5), "title":"MongoDB Overview"}
{ "_id" : ObjectId(5983548781331adf45ec6), "title":"NoSQL Overview"}
{ "_id" : ObjectId(5983548781331adf45ec7), "title":"Tutorials Point Overview"}
```

Following example will display the title of the document while querying the document.

```
>db.mycol.find({}, {"title":1, _id:0})
{"title":"MongoDB Overview"}
{"title":"NoSQL Overview"}
{"title":"Tutorials Point Overview"}
>
```

Please note **\_id** field is always displayed while executing **find** method, if you don't want this field, then you need to set it as 0.