



# Python MongoDB Query

[< Previous](#)[Next >](#)

## Filter the Result

When finding documents in a collection, you can filter the result by using a query object.

The first argument of the `find()` method is a query object, and is used to limit the search.

## Example

Find document(s) with the address "Park Lane 38":

```
import pymongo

myclient = pymongo.MongoClient("mongodb://localhost:27017/")
mydb = myclient["mydatabase"]
mycol = mydb["customers"]

myquery = { "address": "Park Lane 38" }

mydoc = mycol.find(myquery)

for x in mydoc:
    print(x)
```

[Run example »](#)

# Advanced Query

To make advanced queries you can use modifiers as values in the query object.

E.g. to find the documents where the "address" field starts with the letter "S" or higher (alphabetically), use the greater than modifier: `{"$gt": "S"}` :

## Example

Find documents where the address starts with the letter "S" or higher:

```
import pymongo

myclient = pymongo.MongoClient("mongodb://localhost:27017/")
mydb = myclient["mydatabase"]
mycol = mydb["customers"]

myquery = { "address": { "$gt": "S" } }

mydoc = mycol.find(myquery)

for x in mydoc:
    print(x)
```

[Run example »](#)

---

## Filter With Regular Expressions

You can also use regular expressions as a modifier.

**Regular expressions can only be used to query *strings*.**

To find only the documents where the "address" field starts with the letter "S", use the regular expression `{"$regex": "^S"}` :

## Example

Find documents where the address starts with the letter "S":

```
import pymongo

myclient = pymongo.MongoClient("mongodb://localhost:27017/")
mydb = myclient["mydatabase"]
mycol = mydb["customers"]

myquery = { "address": { "$regex": "^S" } }

mydoc = mycol.find(myquery)

for x in mydoc:
    print(x)
```

[Run example »](#)

[< Previous](#)

[Next >](#)

## COLOR PICKER



## HOW TO

Tabs  
Dropdowns  
Accordions  
Side Navigation  
Top Navigation  
Modal Boxes  
Progress Bars  
Parallax  
Login Form

HTML Includes

Google Maps

Range Sliders

Tooltips

Slideshow

Filter List

Sort List

SHARE



CERTIFICATES

HTML

CSS

JavaScript

SQL

Python

PHP

jQuery

Bootstrap

XML

[Read More »](#)

---

REPORT ERROR

PRINT PAGE

FORUM

ABOUT

---

Top Tutorials

[HTML Tutorial](#)  
[CSS Tutorial](#)  
[JavaScript Tutorial](#)  
[How To Tutorial](#)  
[SQL Tutorial](#)  
[Python Tutorial](#)  
[W3.CSS Tutorial](#)  
[Bootstrap Tutorial](#)  
[PHP Tutorial](#)  
[jQuery Tutorial](#)  
[Java Tutorial](#)  
[C++ Tutorial](#)

## Top References

[HTML Reference](#)  
[CSS Reference](#)  
[JavaScript Reference](#)  
[SQL Reference](#)  
[Python Reference](#)  
[W3.CSS Reference](#)  
[Bootstrap Reference](#)  
[PHP Reference](#)  
[HTML Colors](#)  
[jQuery Reference](#)  
[Java Reference](#)  
[Angular Reference](#)

## Top Examples

[HTML Examples](#)  
[CSS Examples](#)  
[JavaScript Examples](#)  
[How To Examples](#)  
[SQL Examples](#)  
[Python Examples](#)  
[W3.CSS Examples](#)  
[Bootstrap Examples](#)  
[PHP Examples](#)  
[jQuery Examples](#)  
[Java Examples](#)  
[XML Examples](#)

## Web Certificates

[HTML Certificate](#)  
[CSS Certificate](#)  
[JavaScript Certificate](#)  
[SQL Certificate](#)  
[Python Certificate](#)  
[jQuery Certificate](#)  
[PHP Certificate](#)  
[Bootstrap Certificate](#)  
[XML Certificate](#)

[Get Certified »](#)

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use, cookie and privacy policy. Copyright 1999-2020 by Refsnes Data. All Rights Reserved.

Powered by W3.CSS.

