

```
Activities Terminal May 3 1:27 PM
ilvydd@ubuntu:~$ mongo
MongoDB shell version v4.4.5
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("abed2d45-16b6-44b0-99d3-b27b523d31a") }
MongoDB server version: 4.4.5

The server generated these startup warnings when booting:
2021-05-03T11:09:55.048+00:00: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem
2021-05-03T11:09:57.094+00:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
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Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> use i191771
switched to db i191771
> show dbs
admin 0.000GB
config 0.000GB
i191771 0.004GB
local 0.000GB
> db.airbnb.find({"host_acceptance_rate":{"$gte":90, "$lte":100}}, {"host_acceptance_rate":1})
{"_id" : ObjectId("60871d718a093d0e2d2f6be0"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6be8"), "host_acceptance_rate" : 90 }
{"_id" : ObjectId("60871d718a093d0e2d2f6be9"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bee"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bf2"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bf4"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bf5"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bf7"), "host_acceptance_rate" : 90 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bf8"), "host_acceptance_rate" : 90 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bfa"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bfd"), "host_acceptance_rate" : 93 }
{"_id" : ObjectId("60871d718a093d0e2d2f6bfc"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc14"), "host_acceptance_rate" : 90 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc16"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc17"), "host_acceptance_rate" : 99 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc1a"), "host_acceptance_rate" : 91 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc1b"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6fc1e"), "host_acceptance_rate" : 100 }
{"_id" : ObjectId("60871d718a093d0e2d2f6c22"), "host_acceptance_rate" : 100 }
Type "it" for more
>
```

Code:

```
from pymongo import MongoClient
```

```
import re
```

```
from bson.objectid import ObjectId
```

```
c=MongoClient()
```

```
db=c.i191771
```

```
db
```

```
collection=db.airbnb
```

```
regex = re.compile("[0-9]*%/g", re.IGNORECASE)
```

```
regex2 = re.compile("[%]")
```

```
regex3 = re.compile("[0-9]")
```

```
for doc in collection.find({"host_acceptance_rate": regex3}, {"host_acceptance_rate":1}):
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```
    db.airbnb.update_one( { "_id" : doc['_id'] }, {"$set" : { "host_acceptance_rate" :
```

```
int(re.sub(regex2,"",
```

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doc['host_acceptance_rate'])) } } )
```

```
Document = db.airbnb.find( { "_id" : ObjectId("60410d0b7a635b44587d63a3") },  
{"host_acceptance_rate":1})  
for field in Document:  
    print(type(field['host_acceptance_rate']))
```