



# Python MongoDB Create Database

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## Creating a Database

To create a database in MongoDB, start by creating a MongoClient object, then specify a connection URL with the correct ip address and the name of the database you want to create.

MongoDB will create the database if it does not exist, and make a connection to it.

## Example

Create a database called "mydatabase":

```
import pymongo

myclient = pymongo.MongoClient("mongodb://localhost:27017/")

mydb = myclient["mydatabase"]
```

[Run example »](#)

**Important:** In MongoDB, a database is not created until it gets content!

MongoDB waits until you have created a collection (table), with at least one document (record) before it actually creates the database (and collection).

# Check if Database Exists

**Remember:** In MongoDB, a database is not created until it gets content, so if this is your first time creating a database, you should complete the next two chapters (create collection and create document) before you check if the database exists!

You can check if a database exist by listing all databases in you system:

## Example

Return a list of your system's databases:

```
print(myclient.list_database_names())
```

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Or you can check a specific database by name:

## Example

Check if "mydatabase" exists:

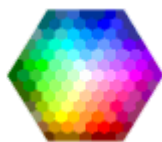
```
dblist = myclient.list_database_names()
if "mydatabase" in dblist:
    print("The database exists.")
```

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