



# MongoDB Cheat Sheet

By Web Dev Simplified <https://courses.webdevsimplified.com>

## Terminology

### Database

A container for collections. This is the same as a database in SQL and usually each project will have its own database full of different collections.

### Collection

A grouping of documents inside of a database. This is the same as a table in SQL and usually each type of data (users, posts, products) will have its own collection.

### Document

A record inside of a collection. This is the same as a row in SQL and usually there will be one document per object in the collection. A document is also essentially just a JSON object.

### Field

A key value pair within a document. This is the same as a column in SQL. Each document will have some number of fields that contain information such as name, address, hobbies, etc. An important difference between SQL and MongoDB is that a field can contain values such as JSON objects, and arrays instead of just strings, number, booleans, etc.

## Basic Commands

### mongosh

Open a connection to your local MongoDB instance. All other commands will be run within this mongosh connection.

### show dbs

Show all databases in the current MongoDB instance

### use <dbname>

use myDatabase

Switch to the database provided by dbname  
Switch to myDatabase

### db

Show current database name

### cls

Clear the terminal screen

### show collections

Show all collections in the current database

### db.dropDatabase()

Delete the current database

### exit

Exit the mongosh session