## 12/12/22, 9:15 Datu-atzipena: DBEragiketenLaburpena

Datu-baseetako Eragiketa Ohikoak1

# MySQL

(SQL. Datu-base Erlazionalak)

# MongoDB

(NoSQL. Datu-base Dokument

|  |  |
| --- | --- |
|  |  |
| SHOW DATABASES; | show dbs or  show databases |
| CREATE DATABASE db1;  USE db1 | use db1 (ez badago, sortu egiten du)  use abenduak |
| CREATE TABLE t1( | db.createCollection("t1") |
| f1 INT PRIMARY KEY, | (Baina ez da derrigorra sortzea) |
| f2 VARCHAR(10) |  |
| ); |  |
| SHOW TABLES; | show collections |
| INSERT INTO t1 VALUES (1,'a'); | db.t1.insert({f1:1,f2:'a'})  (kolekzioa ez badago, sortu egiten du)  db.collection.save()  db.umeak.insert({izena:"kk",opariak:['a','b']}) |
| SELECT \* FROM t1; | db.t1.find() |
| DROP DATABASE db1; | Ezabatu nahi dugun datu-basean egonda:  db.runCommand({dropDatabase:1})  o  db.dropDatabase() |
|  |  |
| SELECT \* FROM inventory; | db.inventory.find( )2  o  db.runCommand({find: "inventory"}) |
| SELECT \* FROM inventory WHERE status = "D";  (query) | db.inventory.find(  { status: "D" }  ) |
| SELECT status FROM inventory;  (projection) | db.inventory.find(  {},  {status:1}  ) |
| SELECT COUNT(\*) FROM inventory; | db.inventory.count()  (Single Purpose Aggregation Operation) |
| SELECT DISTINCT category  FROM inventory; | db.inventory.distinct("category")  (Single Purpose Aggregation Operation) |
| ALTER TABLE people  ADD join\_date DATETIME | db.people.updateMany(  { },  { $set: { join\_date: new Date() } }  ) |
| DELETE FROM Resultados WHERE candidato = "Melenchon"; | db.Resultados.remove({candidato: “Melenchon |
| UPDATE Resultados SET x = 0  WHERE candidato = 'Macron'; | db.Resultados.updateOne(  { candidato: "Macron"},  { $set: { x: 0 }}) |
|  |  |
| SELECT \* FROM inventory WHERE status in ("A", "D"); | db.inventory.find( { status: { $in: [ "A",  ) |
| SELECT \* FROM inventory WHERE status = "A" AND qty < 30; | db.inventory.find( { status: "A", qty: { $l |
| SELECT \* FROM inventory WHERE status = "A" OR qty < 30; | db.inventory.find( { $or: [ { status: "A" } |

1https://docs.mongodb.com/manual/reference/sql-comparison/ 2https://docs.mongodb.com/manual/reference/method/db.collection.find/#db.collection.find

## https://elearning20.hezkuntza.net/012053/mod/resource/view.php?id=15392 1/1