

MYSQL Cheat Sheet

MYSQL Design
Database > Table(s) > Data
Table Columns:
Limit: 4096 Columns/Table
Each Column Identified By Name
A Datatype Must Be Spec. For Each Col
Table Rows:
Rows Are Added As New Data Is Stored
Data Is Limited By Column Datatype
Each Row Should Be Uniquely Identifiable

MYSQL Syntax
Statements Must End With Semicolons
Reserve Words Can Be Capitalized
SELECT, FROM, AND, LIKE, Etc.

Connecting/Disconnecting
mysql -h host -u username -p
quit

Datatypes
TINYINT
MALLINT
MEDIUMINT
INT
BIGINT
CHAR()
VARCHAR()
TINYTEXT
TEXT
MEDIUMTEXT
LONGTEXT
DATETIME
DATE
TIMESTAMP
TIME
YEAR

Database Commands
SHOW DATABASES;
CREATE DATABASE databasename;
USE databasename;
DROP DATABASE databasename;
DROP DATABASE IF EXISTS databasename;

MYSQL Data Manipulation
INSERT INTO tablename (columnname1, columnname2) VALUES ('data', 'data');
SELECT * FROM tablename;
SELECT * FROM tablename WHERE columnname LIKE 'data';
SELECT columnname1, columnname2 FROM tablename;
UPDATE tablename SET columnname = 'data' WHERE columnname = 'data';
DELETE FROM tablename WHERE columnname = 'data';

Table Commands
CREATE TABLE tablename (columnname1 DATATYPE, columnname2 DATATYPE, columnname3 DATATYPE, PRIMARY KEY(columnname));
SHOW TABLES;
DESCRIBE tablename;
DROP TABLE tablename;
DROP TABLE IF EXISTS tablename;