

Setting up MySQL on EC2

INF 551

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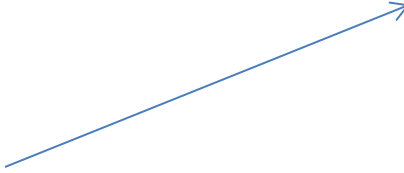
Install & start server

- First, log into your EC2 instance
- Install MySQL (5.7) by executing the following command:
 - `sudo yum install -y mysql57-server`
- Start MySQL server:
 - `sudo service mysqld start`
 - (may want to restart the EC2 instance if this fails)

Create root account of MySQL

- Execute this command: `mysqladmin -u root password root`
 - This will set password of root to be "root"
- If you already created a password and would like to change it to "root", then execute this:
 - `mysqladmin -u root password root -p`
 - When prompted, enter your old password

Create/drop a database

- `mysql -h localhost -u root -p`
 - This will log you into MySQL
 - It may also work without "-h localhost"
 - Once you log into mysql
 - `create database inf551;`
 - `show databases;`
 - `exit`
 - `(drop database inf551; //` in case you want to remove it)
- MySQL statements end with ;
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Create "beers" database

- Download script "beers-table.sql" (available on Blackboard in the same folder as this slide)
- Upload the script to your EC2 instance
 - E.g., using sftp
- Then execute (on the directory where the script is located):
 - `mysql inf551 -u root -p < beers-tables.sql`

Create new user and database

- Login to MySQL as root
 - `mysql -u root -p`
- Create a new user 'inf551' with password 'inf551'
 - `create user inf551@localhost identified by 'inf551';`
- Create a database 'inf551' if you have not
 - `create database inf551;`

Grant permission

- Grant all permissions on database 'inf551' to user 'inf551'
 - grant all privileges on inf551.* to inf551@localhost;
- Login to the database 'inf551'
 - mysql inf551 -u inf551 -p