

MYSQL DB and Employee sample db Setup

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1) goto mysql site: download mysql-server

<http://dev.mysql.com/downloads/mysql/> (<http://dev.mysql.com/downloads/mysql/>)

2) download and install workbench from

<http://dev.mysql.com/downloads/workbench/> (<http://dev.mysql.com/downloads/workbench/>)

3) install command line tools

<http://dev.mysql.com/downloads/utilities/> (<http://dev.mysql.com/downloads/utilities/>)

for Linux (Ubuntu):

```
$ sudo apt-get install python-dev mysql-server libmysqlclient-dev
```

```
$ pip install mysql-python
```

4) login to mysql:

While installing mysql, copy and save the default password provided by the installer. Installer prompts and show you the default password. save it and alter root password as below

```
$ mysql -u root -p[root password]
```

5) Change the password

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'MyNewPass';
```

6) Create a user

```
mysql> CREATE USER 'newuser'@'localhost' IDENTIFIED BY 'password';
```

7) Give privileges

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'newuser'@'localhost';  
mysql> exit;
```

SKIP to 13th step, if you dont want any sample database.

After coming out of the mysql, Install employee database for practice

8) install sample employees database

goto launch pad <https://launchpad.net/test-db/> (<https://launchpad.net/test-db/>)

download https://launchpad.net/test-db/employees-db-1/1.0.6/+download/employees_db-full-1.0.6.tar.bz2
(https://launchpad.net/test-db/employees-db-1/1.0.6/+download/employees_db-full-1.0.6.tar.bz2)

9) extract the above zip file

10) changes to be made to the employees.sql

11) go to this folder from command prompt or console or terminal

```
$cd employees_db/
```

Note: In the file 'employees.sql' change the word 'storage_engine' to "default_storage_engine", in two places.

12) mysql -uroot -prootPass -t < employees.sql

```
+-----+
| INFO |
+-----+
| CREATING DATABASE STRUCTURE |
+-----+
+-----+
| INFO |
+-----+
| storage engine: InnoDB |
+-----+
+-----+
| INFO |
+-----+
| LOADING departments |
....
```

13) install mysql connector

```
$ conda install mysql-connector-python
```

In []:

