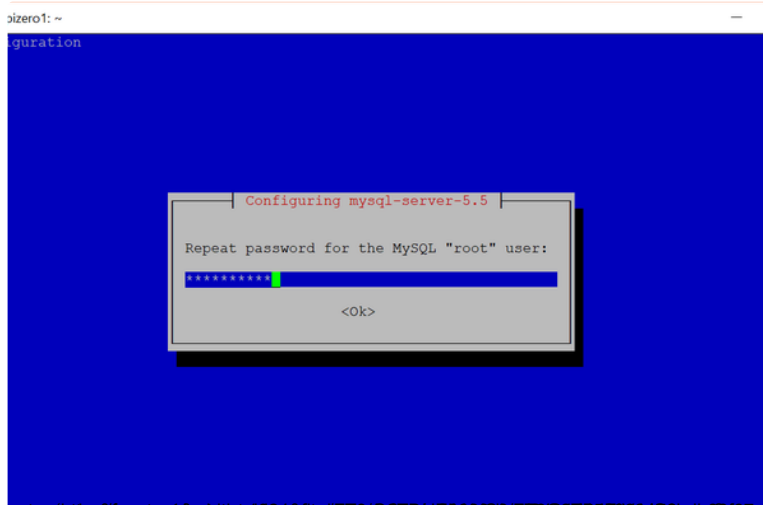


**3. Putty** - This is a terminal emulator which permits you to access the RPi Linux environment from your Windows Desktop.

## Step 1: Setting Up Your Raspberry Pi



	Download DB	HTML
data and test/verification suite)	Launchpad	View
	Gzip   Zip	View
	TGZ   Zip	
	<b>TGZ</b>   Zip	View
	TGZ   Zip	



Log onto your RPi using Putty and then do the following:

1. Set up Apache - (Not strictly necessary but you might want to use a webform later)

Type the following commands -

```
sudo apt-get update
```

```
sudo apt-get install apache2
```

```
sudo a2dismod mpm_event
```

```
sudo a2enmod mpm_prefork
```

```
sudo systemctl restart apache2 (this restarts apache) .
```

2. Set up MySql

**type - sudo apt-get install mysql-server**

(Input a secure password when prompted by the installation). (Run mysql\_secure\_installation to remove the test database and any extraneous user permissions added during the initial installation process:

type - **sudo mysql\_secure\_installation**

(It is recommended that you select yes (y) for all questions. If you already have a secure root password, you do not need to change it.)

3. Install sample database - We are going to use Sakila for this - see

<https://dev.mysql.com/doc/sakila/en/> (<https://dev.mysql.com/doc/sakila/en/>).

On the Rpi command line , type the following

```
cd /tmp
```

```
sudo wget http://downloads.mysql.com/docs/sakila-db.tar.gz
```

```
(http://downloads.mysql.com/docs/sakila-db.tar.gz).
```

THIS SHOULD DISPLAY

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```
sakila-db/
```

```
sakila-db/sakila-data.sql
```

```
sakila-db/sakila-schema.sql
```

```
sakila-db/sakila.mwb
```

```
now type ,
```

```
cd sakila-db
```

```
sudo chmod 755 *.*
```

NOW LOG ON TO THE MYSQL SHELL IN PUTTY

mysql -u root -p (you will be prompted for the password you set up during the mysql installation.

now type,

```
mysql> SOURCE /tmp/sakila-db/sakila-schema.sql;
```

```
mysql> SOURCE /tmp/sakila-db/sakila-data.sql;
```

```
mysql> USE sakila; Database changed mysql> SHOW TABLES; (YOU SHOULD SEE)
```

```
+-----+ | Tables_in_sakila | +-----+ | actor | | actor_info | |  
address | | category | | city | | country | | customer | | customer_list | | film | | film_actor | |  
film_category | | film_list | | inventory | | language | | nicer_but_slower_film_list | | payment | |  
rental | | sales_by_film_category | | sales_by_store | | staff | | staff_list | | store | +-----+  
----+ 22 rows in set (0.01 sec)
```

You can verify that the tables contained data by saying typing select \* from payment;

NEXT CREATE A MYSQL USER type

```
mysql> CREATE USER 'sakila_test'@'%' IDENTIFIED BY 'your_password';
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'sakila_test'@'%' WITH GRANT OPTION;
```

```
Query OK, 0 rows affected (0.00 sec)
```

Type exit to leave the Mysql shell to return to the Putty shell

Next, type sudo nano /etc/mysql/my.cnf

and comment out the line to show #bind-address = 127.0.0.1

Now exit the Putty shell.

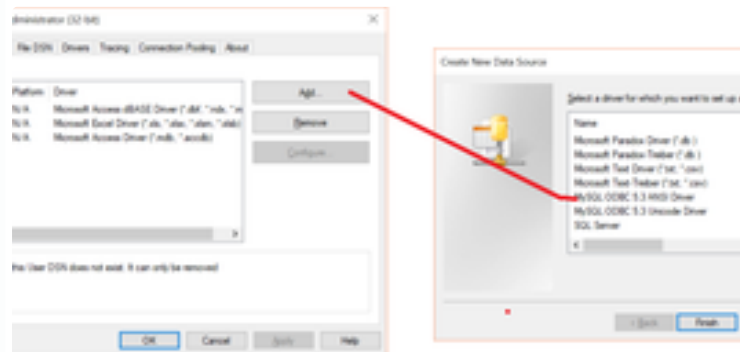
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## Windows Settings

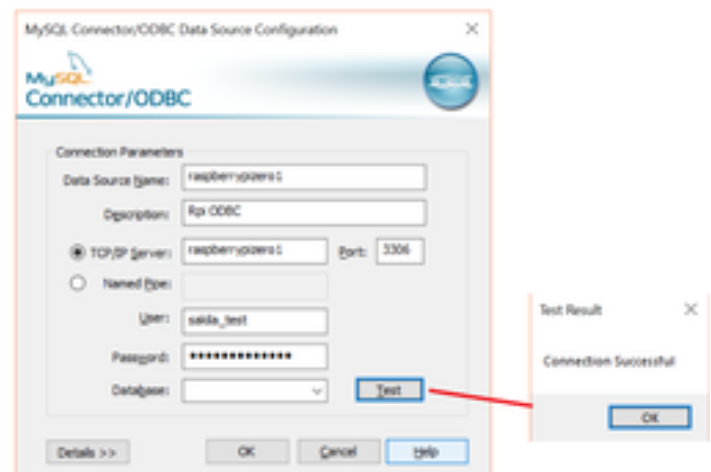
odbc

Set up ODBC data sources (32-bit)

Set up ODBC data sources (64-bit)



## ODBC SET UP 1



## OBDC SET UP 2

Goto - <https://dev.mysql.com/downloads/connector/odbc/5.3...>  
(<https://dev.mysql.com/downloads/connector/odbc/5.3.html>).

Download the relevant file as per the image above.

Next configure it on Windows. On Windows 10 - click windows icon - bottom left - then click on the cog (second icon from bottom) and type odbc into the search box and select odbc data sources (32 bit) then follow the instructions as shown in the image ODBC SET UP 1 - Next follow

the steps shown in image ODBC SET UP 2 - using the settings which you used previously ,  
including your RPi hostname + your Mysql credentials

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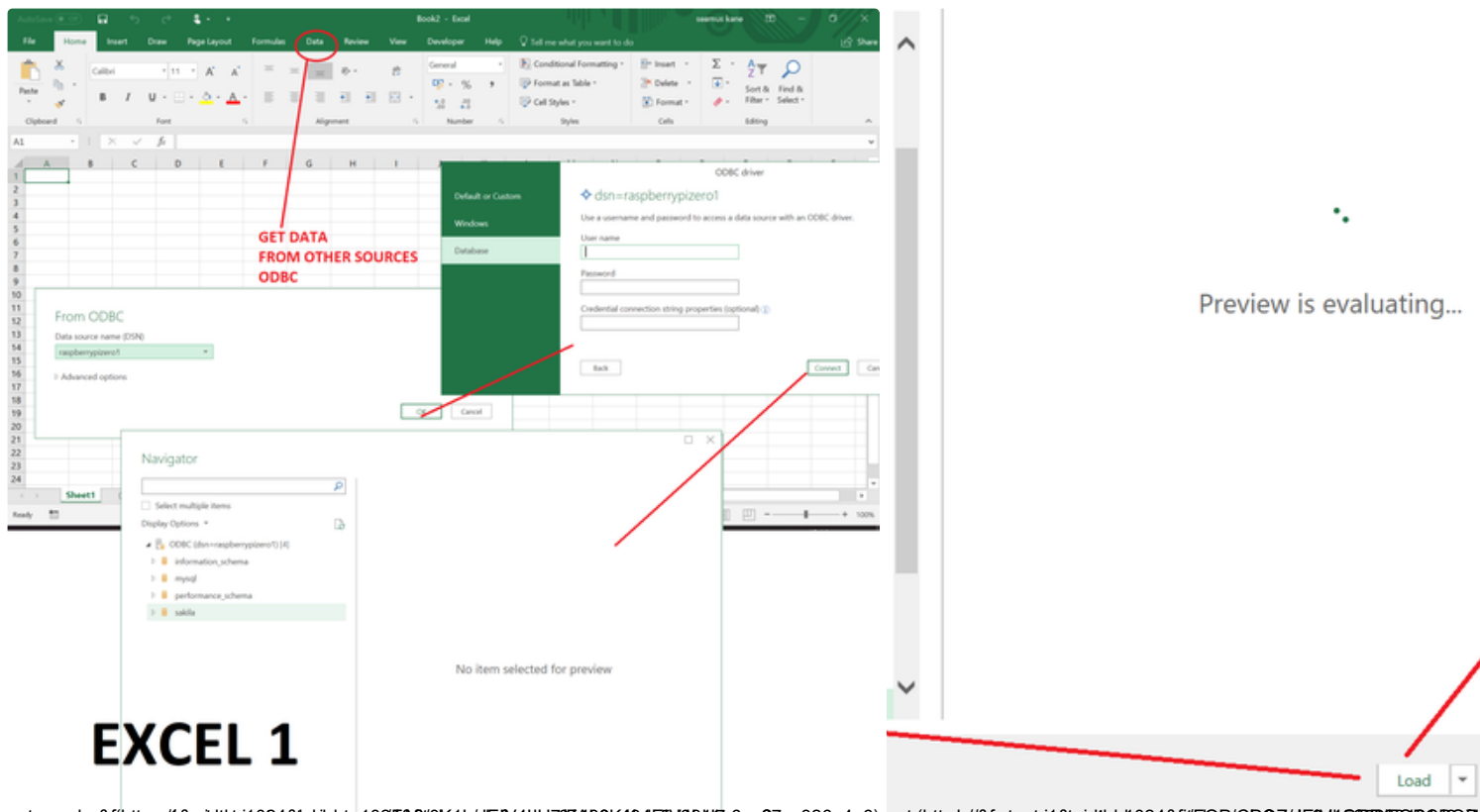
Add Tip

Ask Question

Comment

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## Step 3: Using Excel



Follow the steps in the image Excel 1 - Open a worksheet in Excel and then select the Data menu, then Get Data, Other sources, ODBC - and select your data source. Next, enter the Mysql user name and password and then connect to your data source, eg sakila from the drop down and click ok. . If you click the arrow on the data source names then the tables in the sakila database will appear. When you select a table and click on the load button, the table will appear in MS Excel.

That's it, good luck.

Add Tip

Ask Question

Comment

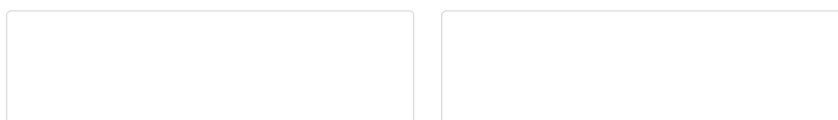
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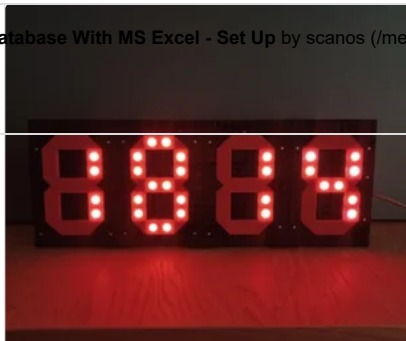
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I Made It!

## Recommendations





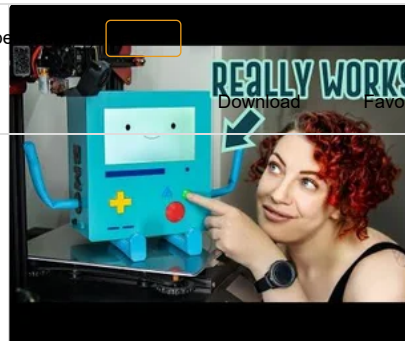
(/Modular-Display-Clock/)

### Modular Display Clock (/Modular-Display-Clock/)

by Gammawave

(/member/Gammawave/) in Clocks

♥ 15 👁 3.0K



(/Life-Sized-Talking-BMO-From-Adventure-Time-thats-A/)

### Life Sized Talking BMO From Adventure Time (that's Also an Octoprint Server!) (/Life-Sized-Talking-BMO-From-

🏆 (/)


♥ 120 👁 10.0K





(/contest/moveit22/)




(/contest/puzzles22/)



Add Tip

Ask Question

Post Comment

We have a **be nice** policy.  
Please be positive and constructive.

Add Images

Post

## Comments



(/member/amal727amal/) amal727amal (/member/amal727amal/) Question 1 year ago on Step 1

Answer

▲ Upvote

i tried to install the mysql server but it said it has no installation candidate. can somebody helped me out to get my output data to excel sheet from my program. Please and Thank You

Post Comment

