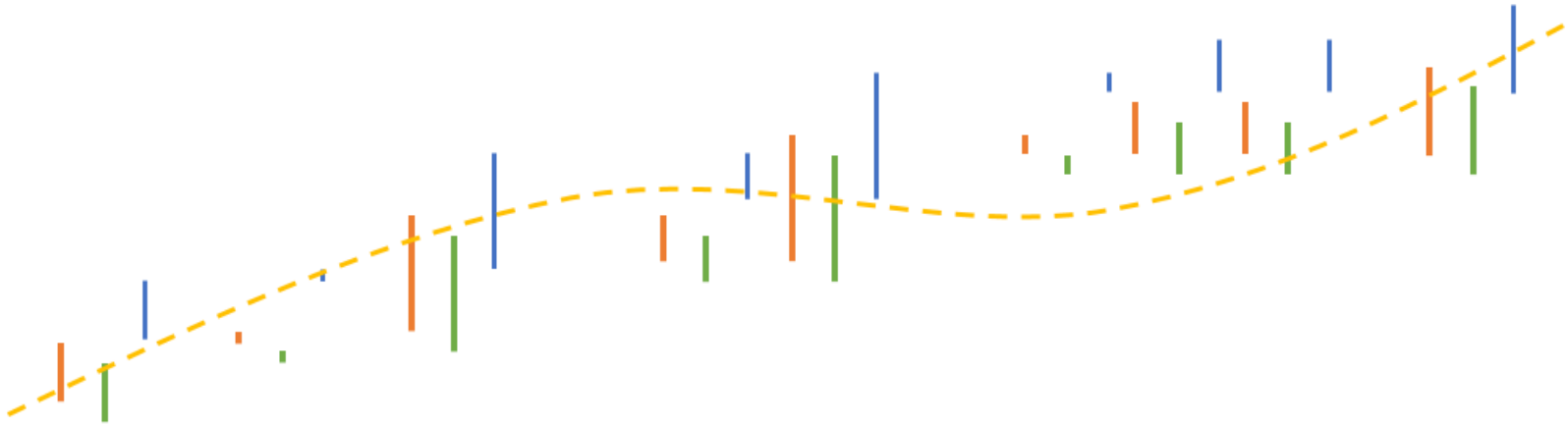

ECO 198M Data Management & Visualization

Lecture 1| In Class Exercise – Connecting to Databases

Step 1 | Download and Install the MySQL Workbench

Proceed to: https://dev.mysql.com/downloads/workbench/and download version 6.3.1 of the MySQL Workbench for your operating system (Windows, Mac, etc.) as shown in the following slides. Be sure to click where the red arrows indicate.

Select Version 6.3.10

Click Here

General Availability (GA) Releases

MySQL Workbench 6.3.10

Select Version:

6.3.10

Select Operating System:

Microsoft Windows

Looking for the latest GA version?

Recommended Download:

MySQL Installer for Windows

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI — Go to Download Page >

Other Downloads:

Windows (x86, 64-bit), MSI Installer	6.3.10	28.2M	Download
(mysql-workbench-community-6.3.10-winx64.msi)		MD5: a445c5f1a362f360da1ad25ab4d2de0f | Signature	

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

Login »
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MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

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Step 2 | Download the UT SSL Certificate File

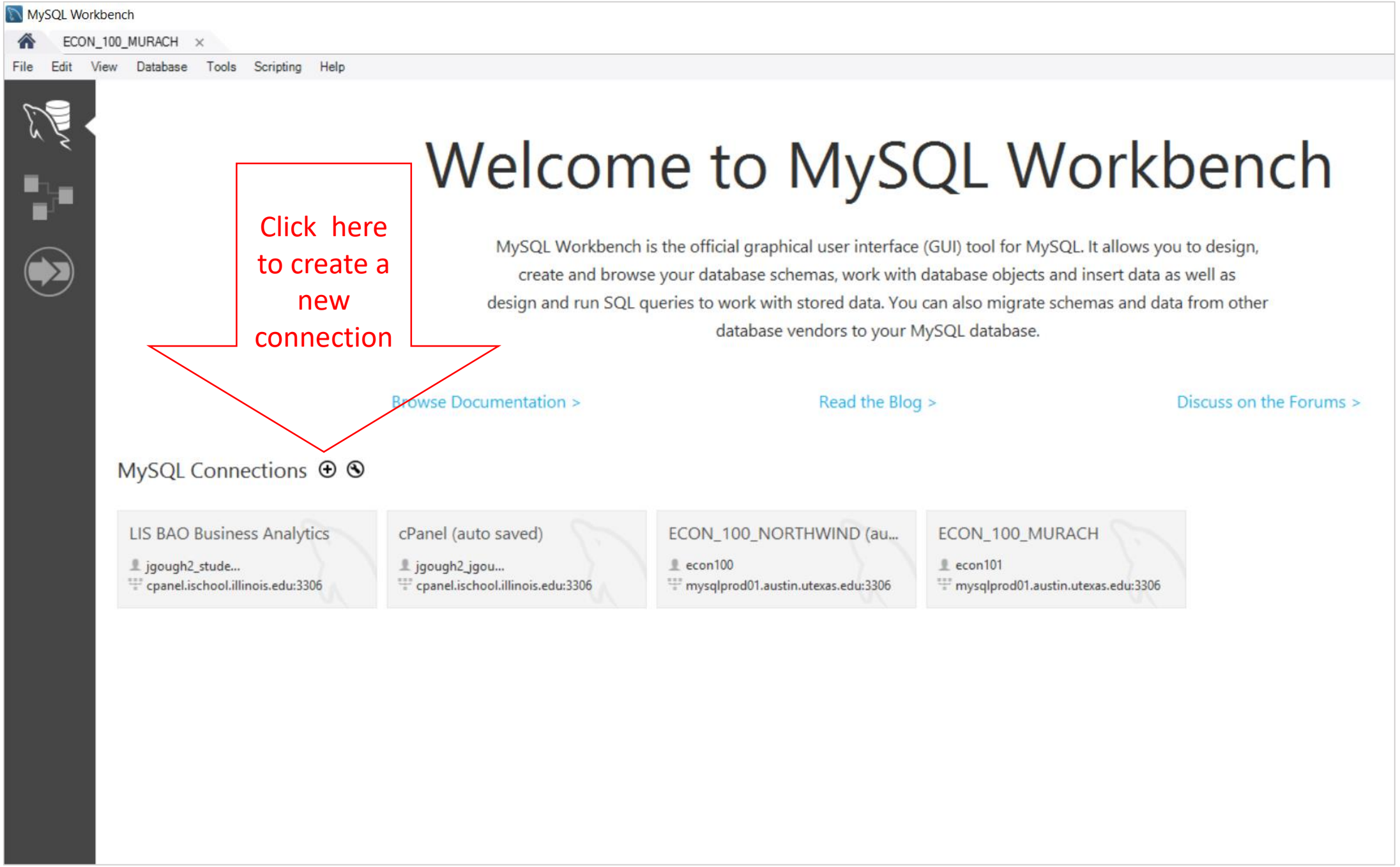
Go to: https://systems.webhost.utexas.edu/ca/ca.html

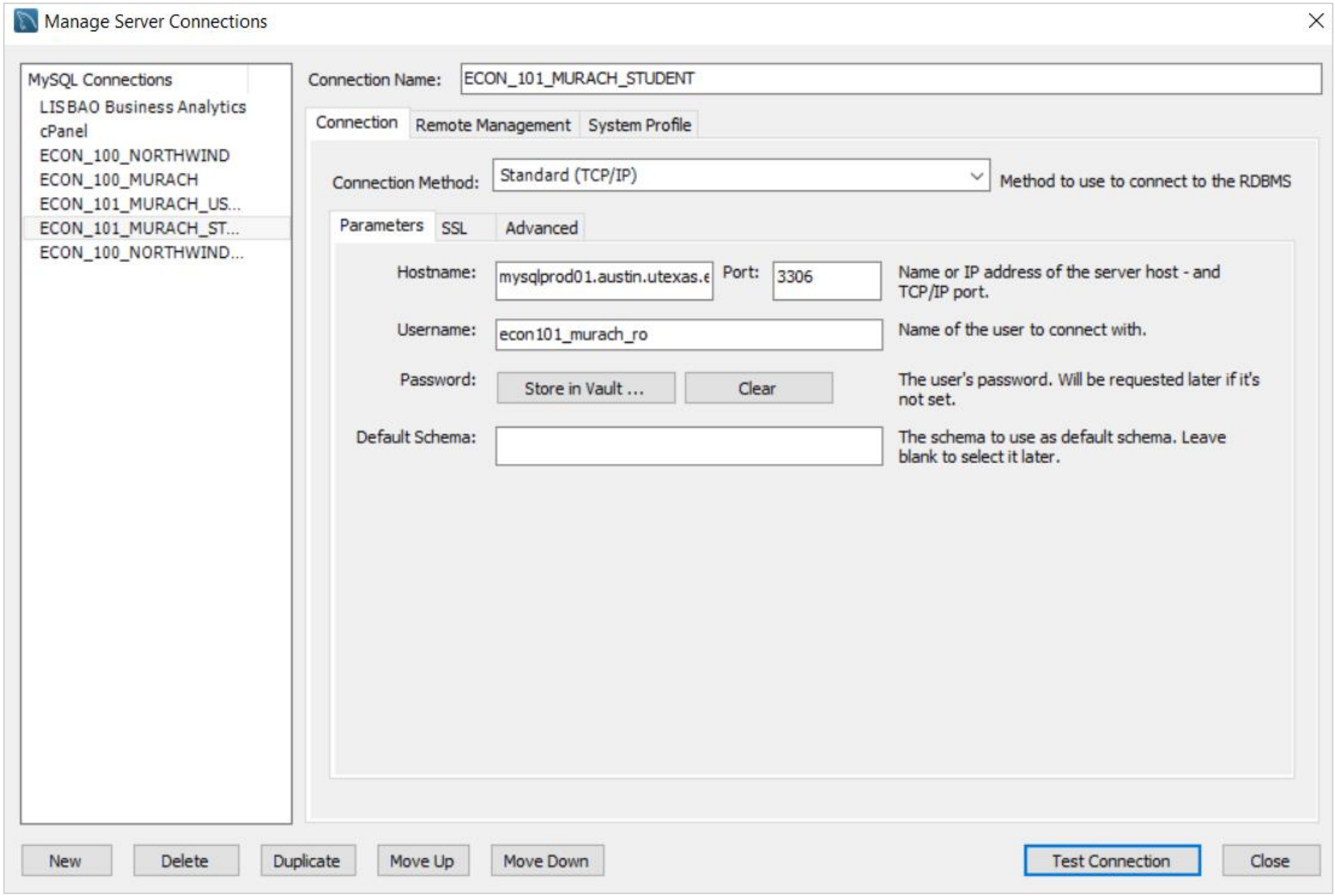
Download the following file to a new folder in your documents:

ca-mysqldb02-cert.pem

Step 3 | Setup Connection to Murach Textbook Databases

Open the MySQL Workbench and follow the steps outlined on the following slides to connect to the textbook databases:


MySQL Workbench
ECON_100_MURACH
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
Click here to create a new connection
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
Discuss on the Forums >
MySQL Connections
LIS BAO Business Analytics
jgough2_stude...
cpanel.ischool.illinois.edu:3306
cPanel (auto saved)
jgough2_jgou...
cpanel.ischool.illinois.edu:3306
ECON_100_NORTHWIND (au...
econ100
mysqlprod01.austin.utexas.edu:3306
ECON_100_MURACH
econ101
mysqlprod01.austin.utexas.edu:3306



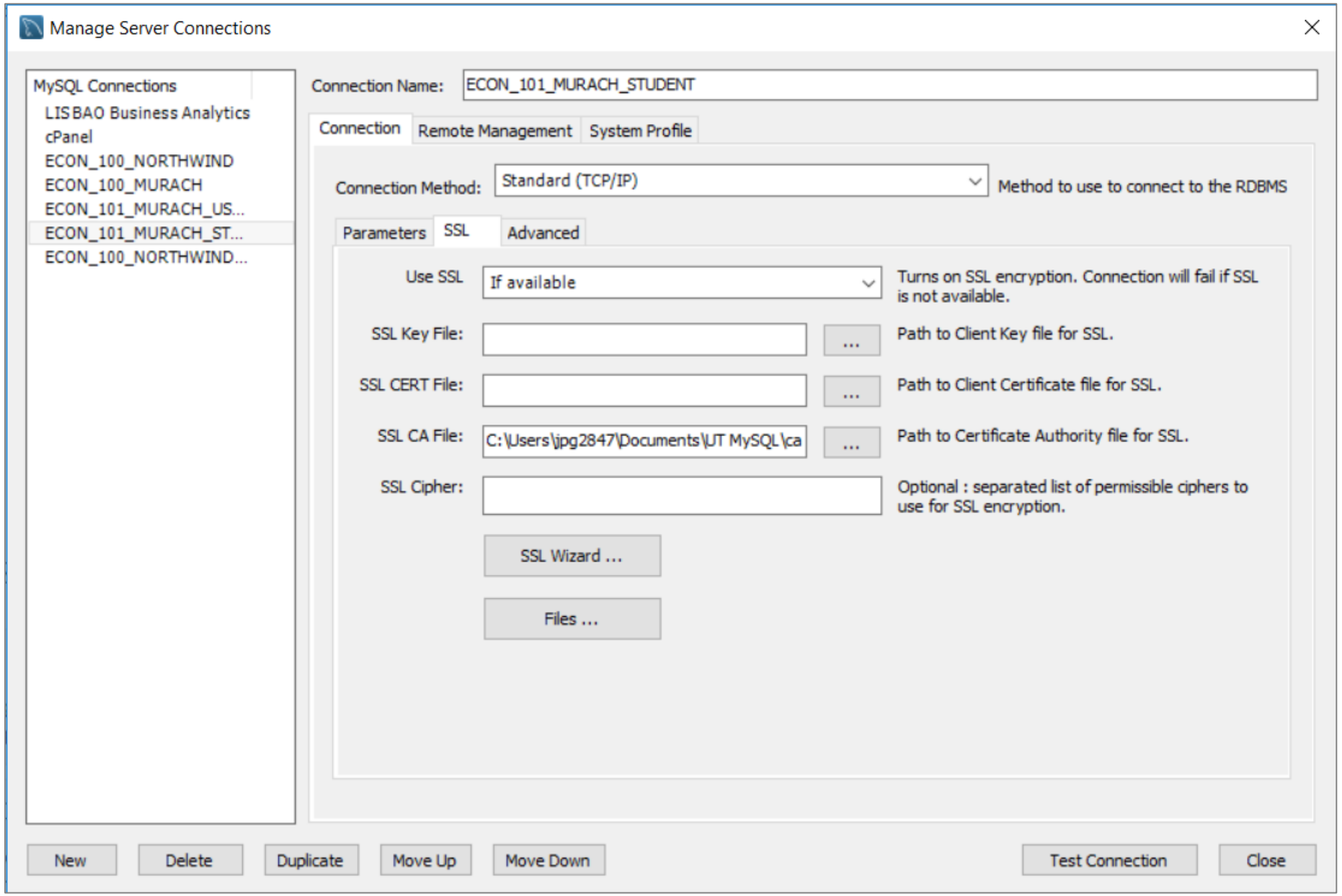
Complete this form as shown.

Hostname: mysqlprod01.austin.utexas.edu

Port: 3306

Username: econ101_murach_ro

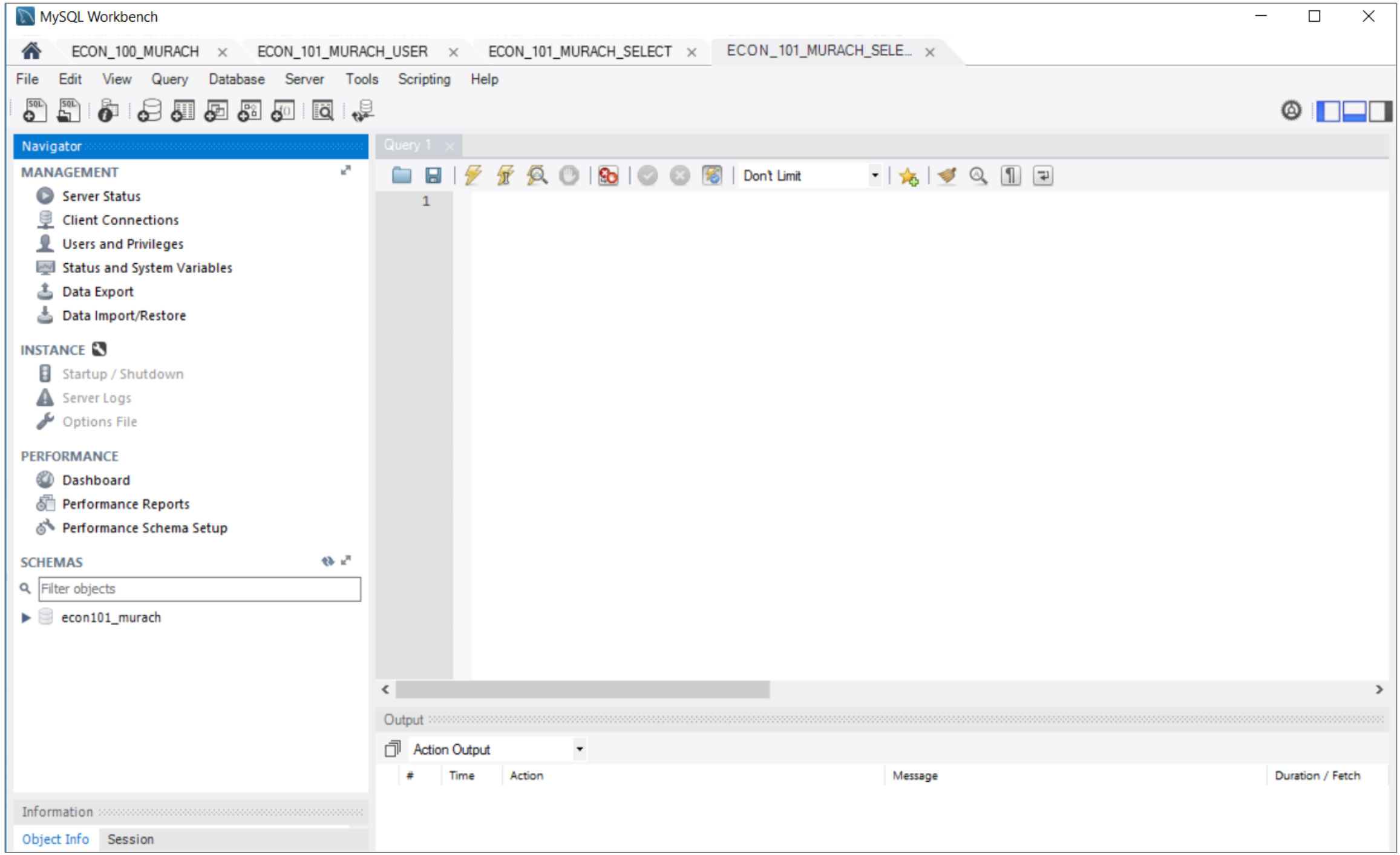
Password: ebme^6cYgpys



Click on the SSL tab and fill in the file path for the CA file you saved earlier.

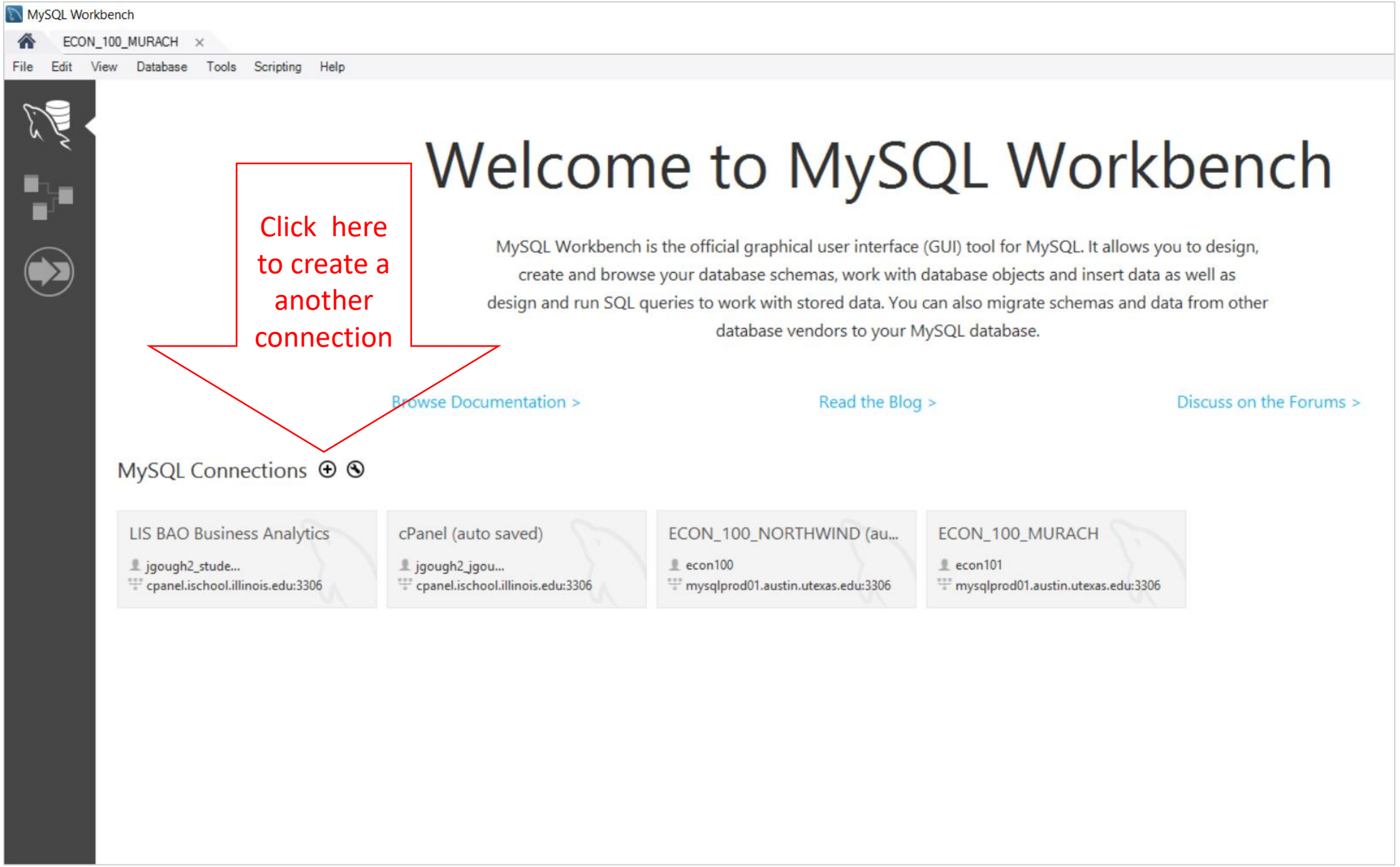
Click Test Connection to make sure it works and then click OK.

You should then be able to double click the connection to open it. This will open the MySQL editor as shown on the next slide.


MySQL Workbench
ECON_100_MURACH
ECON_101_MURACH_USER
ECON_101_MURACH_SELECT
ECON_101_MURACH_SELE...
File Edit View Query Database Server Tools Scripting Help
Navigator
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
SCHEMAS
Filter objects
econ101_murach
Information
Object Info
Session
Query 1
Don't Limit
1
Output
Action Output
Time Action Message Duration / Fetch

Step 4 | Setup Connection to NorthWind Database

Follow the same steps as above and shown on the next slides to connect to our second course database - NorthWind.


MySQL Workbench
ECON_100_MURACH
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
Click here to create a another connection
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
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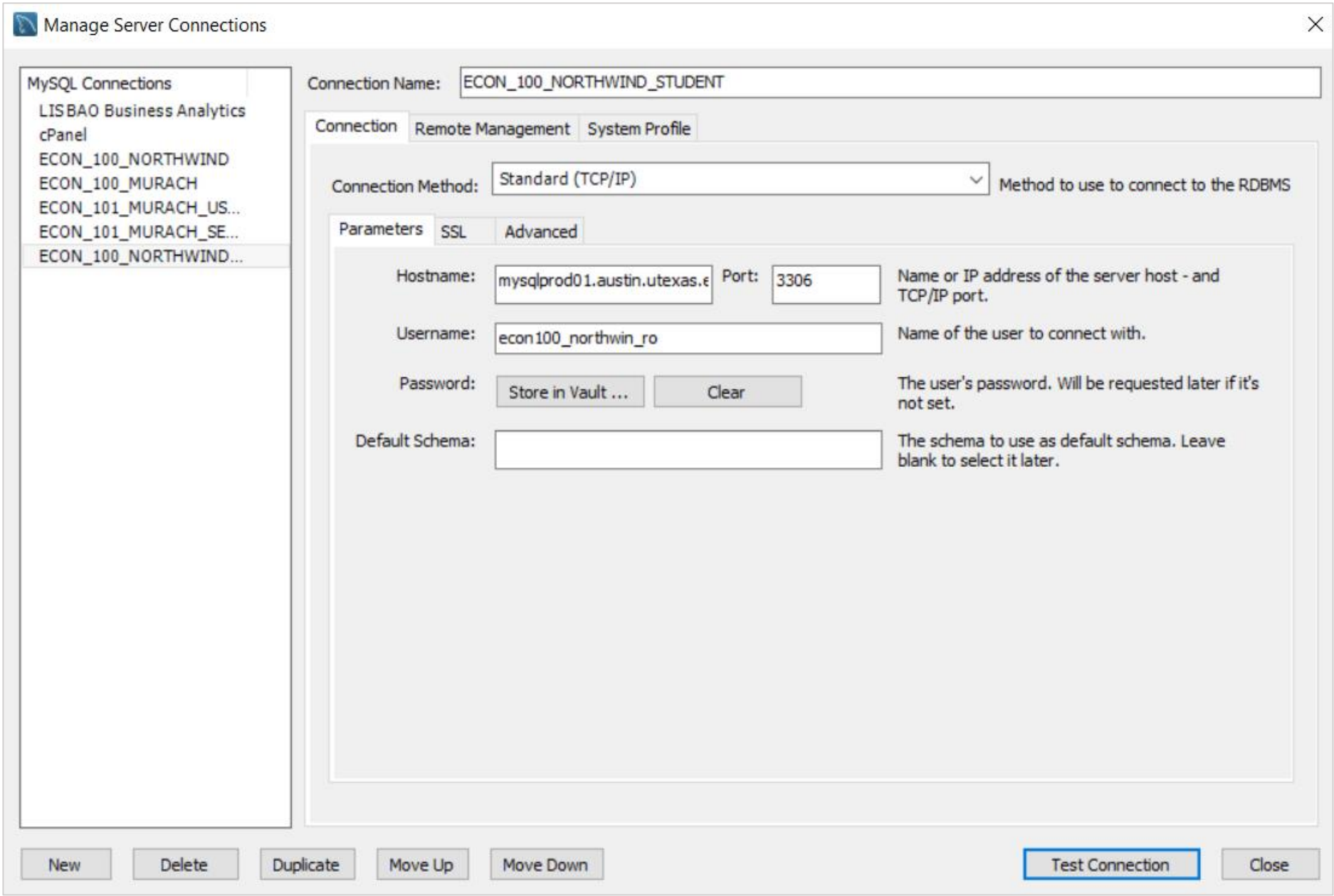
MySQL Connections
LIS BAO Business Analytics
jgough2_stude...
cpanel.ischool.illinois.edu:3306
cPanel (auto saved)
jgough2_jgou...
cpanel.ischool.illinois.edu:3306
ECON_100_NORTHWIND (au...
econ100
mysqlprod01.austin.utexas.edu:3306
ECON_100_MURACH
econ101
mysqlprod01.austin.utexas.edu:3306



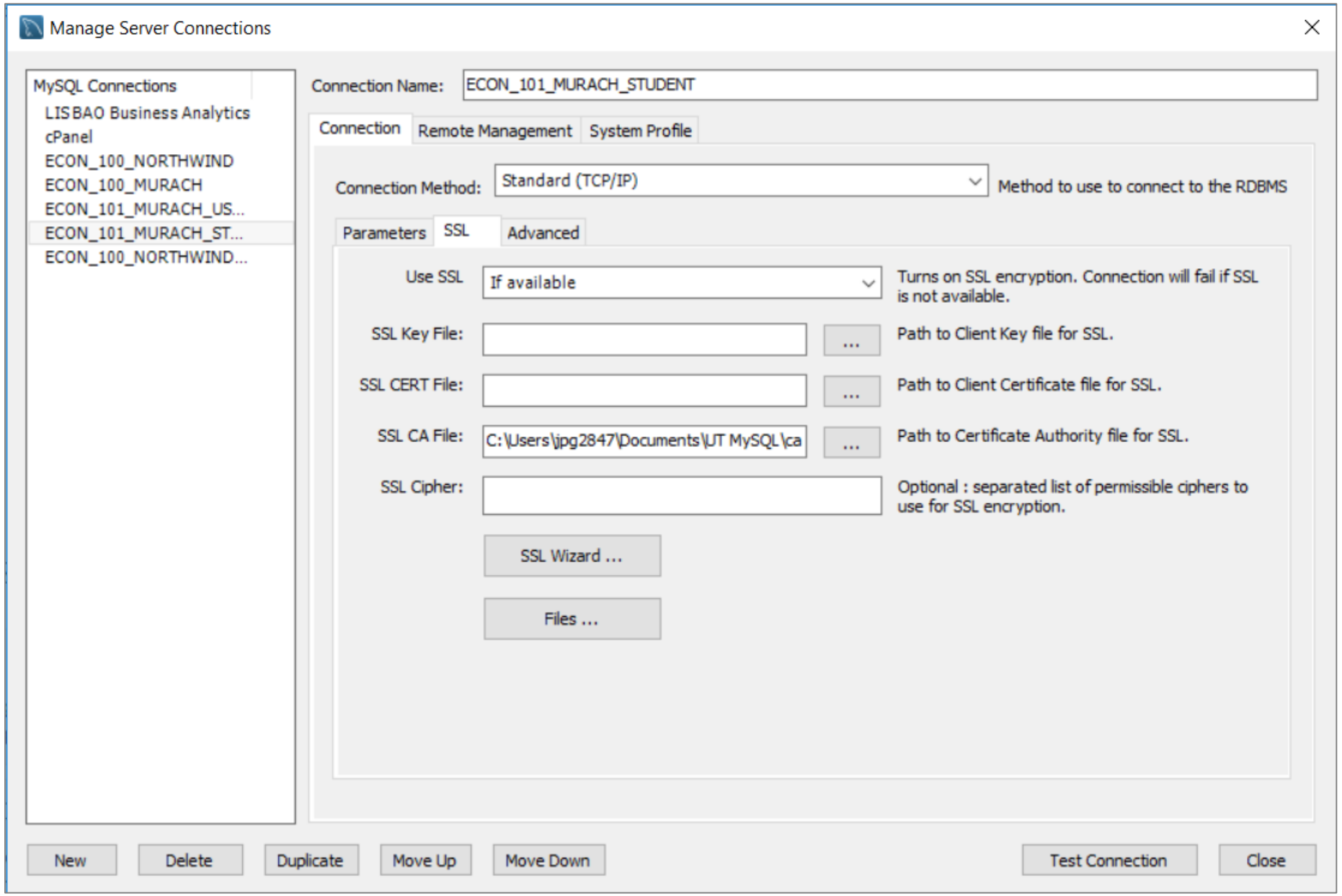
Complete this form as shown.

Hostname: mysqlprod01.austin.utexas.edu

Port: 3306

Username: econ101_northwin_ro

Password: FZkJDR556$?F

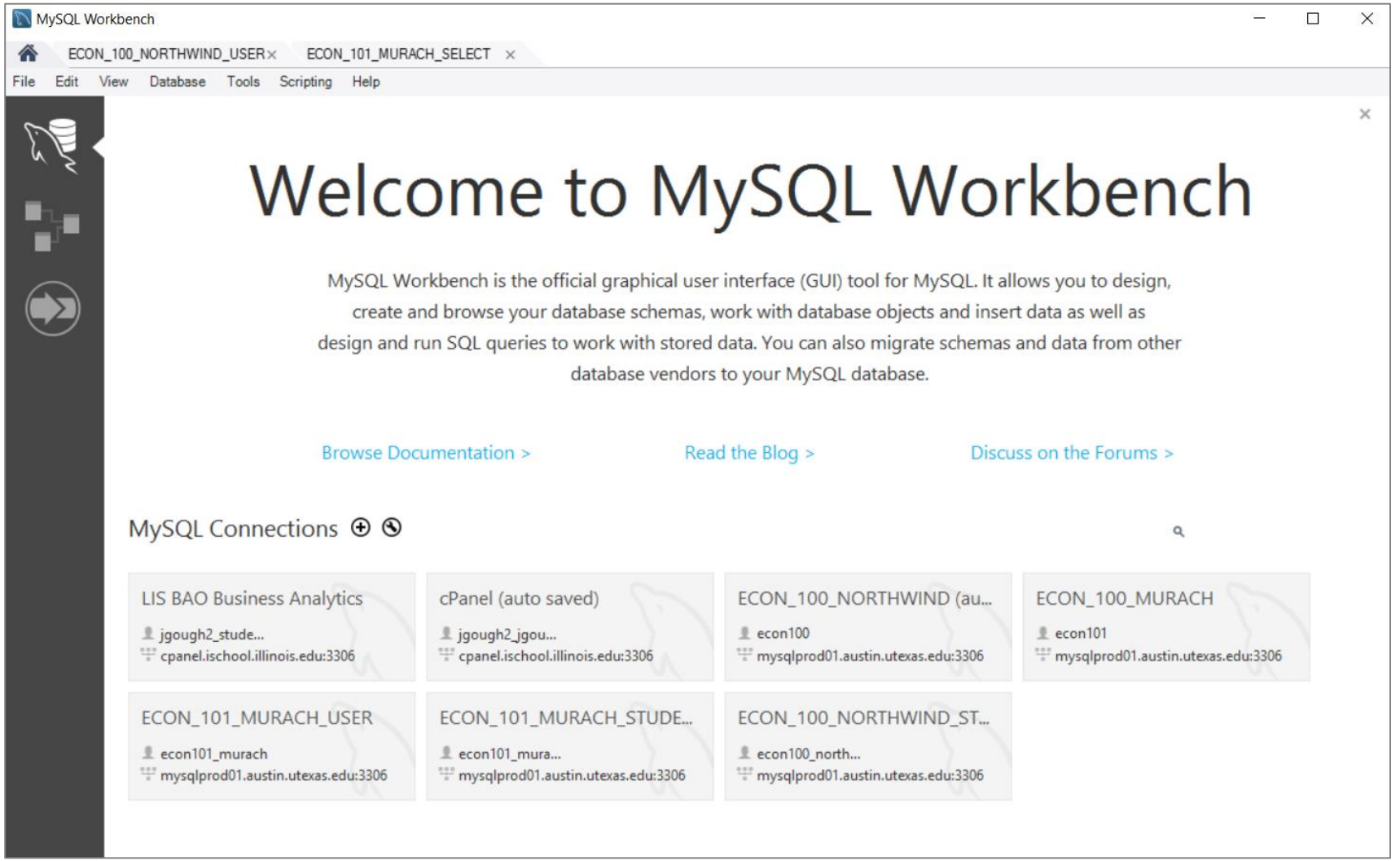


Click on the SSL tab and fill in the file path for the CA file you saved earlier.

Click Test Connection to make sure it works and then click OK.

You should then be able to double click the connection to open it. This will open the MySQL editor as shown on the next slide.

Congratulations! You should now see both connections on your MySQL homepage:



UT Austin VPN & DUO

As long as you are connecting from a campus network, you should be able to connect to your MySQL databases without issues. If you are on a non-campus network, you will need to establish a VPN connection. To do so, follow the instructions found on:

https://wikis.utexas.edu/display/engritgpublic/Connecting+to+the+University+of+Texas+VPN

If you have not setup DUO yet, you will need to do that as well. Instructions for both are at the link above.