



AWS RDS服務

每門AWS Academy課程，均提供免費的有限額度供本校師生使用AWS服務。
每次課堂結束或作業結束時，請記得關閉相關服務。

相關資料

1. 投影片下載網址，本校AWS相關服務的網址
<http://resources.aws.usc.edu.tw/%e6%95%99%e5%ad%b8%e8%a3%9c%e5%85%85/>
2. AWS Academy 免費教育資源，登入網址
https://www.awsacademy.com/LMS_Login
3. 資料庫連線軟體MySQL Workbench 下載網址
<https://dev.mysql.com/downloads/workbench/>

摘要

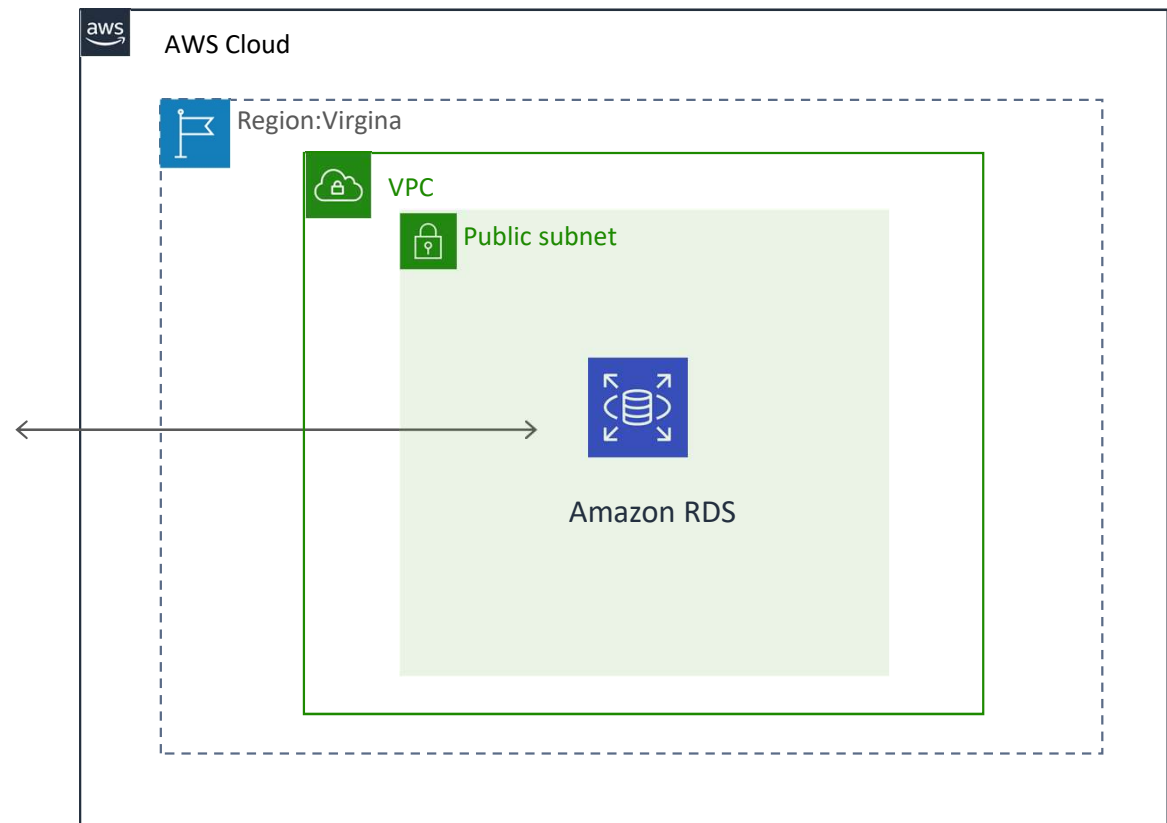
- 登入AWS Academy
- 建立資料庫
- 連接資料庫
- 測試資料庫
- 關閉資料庫



Users



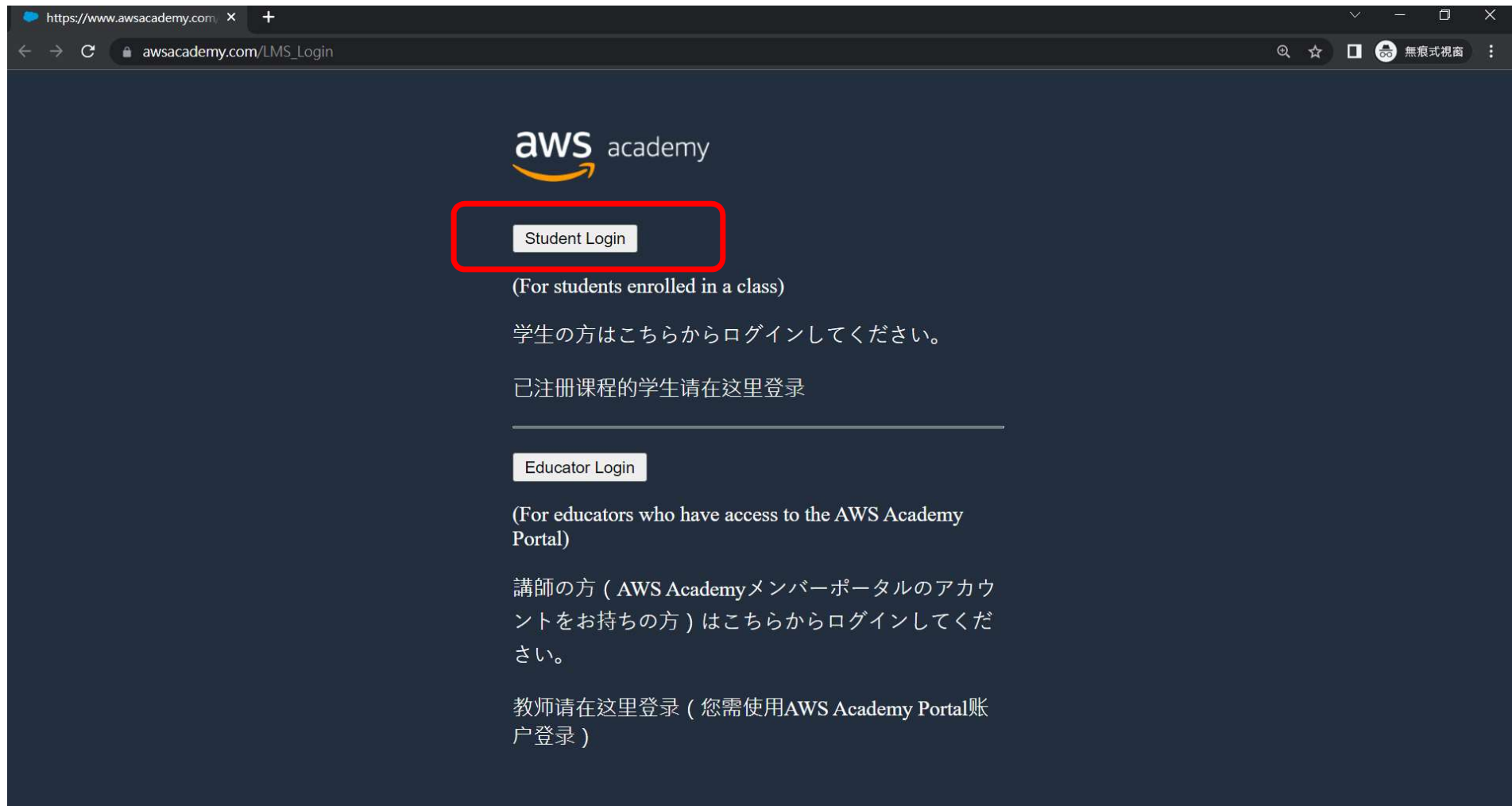
MySQL Workbench

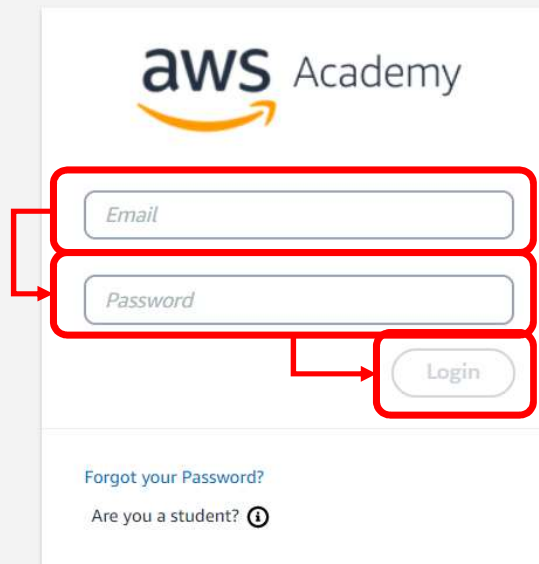


登入AWS Academy

每堂課提供有限額度，供本校師生使用AWS服務。
每次課堂結束或作業結束時，請記得關閉相關服務。

AWS Academy v1





The image shows the AWS Academy login interface. It features the AWS Academy logo at the top. Below the logo are three input fields: 'Email', 'Password', and a 'Login' button. Red annotations are present: a red box encloses the 'Email' and 'Password' fields, with a red arrow pointing from the 'Email' field to the 'Password' field. Another red box encloses the 'Login' button, with a red arrow pointing from the 'Password' field to it. Below the input fields, there are links for 'Forgot your Password?' and 'Are you a student?' with an information icon.

輸入學校Google Workspace 帳號，
即學號@gmX.usc.edu.tw

Welcome

AWS Academy will be conducting scheduled maintenance on Monday, 19 December between 6:30am EST and 1:30pm EST. The ability to create a new class may be affected during this time, but all other program features will be accessible.

Looking for the alternative to Educate Classrooms? Need a sandbox environment? Check out Academy Learner Labs.

Read the Educator Guide to learn more...



Courses You Can Teach

Institution	Curriculum	Curriculum Program Status
Shih Chien University	Academy Cloud Foundations	Active
Shih Chien University	Academy Cloud Architecting	Active
Shih Chien University	Academy Cloud Operations	Active

+

AWS Academy Learner Lab - Associate Services [17468]

← → ↻ 🔒

awsacademy.instructure.com/courses/17468

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👤 📅 📁 ⌚ ?

ALLAv1-17468

Home

Modules

Discussions

View Course Stream

View Course Calendar

View Course Notifications


To Do

Nothing for now

Recent Feedback

Nothing for now

AWS Academy Learner Lab - Associate Services [17468]




AWS Academy Learner Lab - Associate Services provides a long-running sandbox environment for ad hoc exploration of AWS services. Within this class, students will have access to **a restricted set of AWS services**. Not all AWS documentation walk-through or sample labs that operate in an AWS Production account will work in the sandbox environment. You will retain access to the AWS resources set up in this environment for the duration of this course. We limit your budget (\$100), so you should exercise caution to prevent charges that will deplete your budget too quickly. If you exceed your budget, you will lose access to your environment and lose all of your work.

Each session lasts for 4 hours by default, although you can extend a session to run longer by pressing the start button to reset your session timer. At the end of each session, any resources you created will persist. However, we automatically shut EC2 instances down. Other resources, such as RDS instances, keep running. Keep in mind that we do not stop some AWS features, so they can still incur charges between sessions. For example, an Elastic Load Balancer or a NAT. You may wish to delete those types of resources and recreate them as needed to test your work during a session. You will have access to this environment for the duration of the class they enrolled you in. When the class ends, your access to the learner lab will also end.


Educator / Teacher Only

If you are an educator using a Learner Lab in your course, see the **Resources** area of the AWS Academy Portal home page for the list of supported services for each Learner Lab class. This sandbox is for *educator designed* project work, lab exercises, or practice that is created and tested within Learner Lab.


Get Started



Select [Modules](#) to start the course.



Use [Discussions](#) to connect with peers.



Visit [Course Support](#) for help.



≡ [ALLAv1-17468](#) > [Modules](#)


[Home](#)

[Modules](#)

[Discussions](#)

Collapse All

▼ **Learner Lab Associate Services**

 [Learner Lab - Student Guide.pdf](#)

 [Learner Lab - Associate Services](#)

 [End of Course Feedback Survey](#)

Learner Lab - Associate Service x +

awsacademy.instructure.com/courses/17468/modules/items/1434095

ALLAv1-1... > Modules > Learner La...
> Learner Lab - Associate Services

Home
Modules
Discussions

AWS 03:26 Start Lab End Lab AWS Details Readme Reset

Used \$54.3 of \$100

ddd_v1_w_970_1253693@runweb69692:~\$

EN-US

Learner Lab

- [Environment Overview](#)
- [Environment Navigation](#)
- [Access the AWS](#)
- [Management Console](#)
- [Region restriction](#)
- [Service usage and other](#)

◀ Previous Next ▶










AWS Academy 提供的AWS服務說明

Console Home [Info](#)

[Reset to default layout](#)

[+ Add widgets](#)

Recently visited [Info](#)

- | | |
|---|--|
|  RDS |  Amazon SageMaker |
|  EC2 |  IAM |
|  Elastic Beanstalk |  AWS Cloud Map |
|  AWS Budgets |  CloudTrail |
|  Lambda |  DynamoDB |
|  S3 | |
|  AWS Cost Explorer | |

[View all services](#)

Welcome to AWS



[Getting started with AWS](#)

Learn the fundamentals and find valuable information to get the most out of AWS.



[Training and certification](#)

Learn from AWS experts and advance your skills and knowledge.



[What's new with AWS?](#)

Discover new AWS services, features, and Regions.

AWS Health [Info](#)

Cost and usage [Info](#)

建立資料庫



採用RDS服務，建立Maria DB

Learner Lab - Associate Service x AWS Management Console x +

us-east-1.console.aws.amazon.com/console/home?region=us-east-1#

aws Services Search RDS [Alt+S]

Console Home Info

Reset to default layout + Add widgets

Recently visited

Services Search [Alt+S]

Recently visited

Favorites

All services

Analytics

Application Integration

AR & VR

AWS Cost Management

Blockchain

Business Applications

Compute

Containers

Customer Engagement

Database

Developer Tools

ElastiCache
In-Memory Cache

Amazon Keyspaces
Serverless Cassandra-compatible database

Amazon MemoryDB for Redis
Fully managed, Redis-compatible, in-memory database service

Neptune
Fast, reliable graph database built for the cloud

Amazon QLDB
Fully managed ledger database

☆ RDS
Managed Relational Database Service

Amazon Timestream
Amazon Timestream is a fast, scalable, and serverless time series database for IoT and operational applications.

Welcome to AWS

Getting started with AWS
Learn the fundamentals and find valuable information to get the most out of AWS.

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Feedback Log out for 1 Language selection? Find it in the new Unified Settings

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×

- Databases
- Query Editor
- Performance insights
- Snapshots
- Exports in Amazon S3
- Automated backups
- Reserved instances
- Proxies

- Subnet groups
- Parameter groups
- Option groups
- Custom engine version

Events

Event subscriptions

Create database

Refresh

DB Instances (0/40)

Allocated storage (0 TB/100 TB)

[Increase DB instances limit](#)

DB Clusters (0/40)

Reserved instances (0/40)

Snapshots (0)

Manual

DB Cluster (0/100)

DB Instance (0/100)

Automated

DB Cluster (0)

DB Instance (0)

Parameter groups (0)

Default (0)

Custom (0/100)

Option groups (0)

Default (0)

Custom (0/20)

Subnet groups (0/50)

Supported platforms VPC

Default network vpc-02fd710ea84fff095

Amazon RDS Backup and Restore using AWS Backup

Learn how to backup and restore Amazon RDS databases using AWS Backup in just 10 minutes. [Learn more](#)

Build RDS Operational Tasks

Watch how to enable users to perform common tasks such as snapshots or restart DB instances in Amazon RDS. [Learn more](#)

Migrate SSRS to RDS for SQL Server

Learn how you can migrate existing SSRS content to an Amazon RDS for SQL Server instance using a PowerShell module. [Learn](#)

We listened to your feedback!

Share your feedback

Now, create a database with a single click using our pre-built configurations! Or choose your own configurations.

RDS > Create database

Create database

Choose a database creation method [Info](#)



Standard create

You set all of the configuration options, including ones for availability, security, backups, and maintenance.



Easy create

Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type [Info](#)

☐ Amazon Aurora



☐ MySQL



☒ MariaDB



☐ PostgreSQL



☐ Oracle

ORACLE®

☐ Microsoft SQL Server



Engine Version

MariaDB 10.6.10

Learner Lab - Associate Service x RDS Management Console x +

us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:gdb=false;isHermesCreate=true;s3-import=false

aws Services Search [Alt+S] N. Virginia voclabs/ 5888-3498-7063

Engine Version

MariaDB 10.6.10

Templates

Choose a sample template to meet your use case.

☐ Production

Use defaults for high availability and fast, consistent performance.

☐ Dev/Test

This instance is intended for development use outside of a production environment.

☒ Free tier

Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS.

[Info](#)

Settings

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

Feedback Looking for language selection? Find it in the new Unified Settings

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資料庫執行個體大小，選擇 Free tier (免費方案)

Settings

在 DB instance identifier (資料庫執行個體識別符) 中，輸入資料庫執行個體的名稱

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

database-1

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings

Master username [Info](#)

Type a login ID for the master user of your DB instance.

admin

DB 連線資訊，登入帳號。

☐ Auto generate a password

Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

DB 連線資訊，登入密碼

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), ' (single quote), " (double quote) and @ (at sign).

Confirm master password [Info](#)

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

Services [Alt+S]

ⓘ After a database is created, you can't change its VPC.

DB Subnet group [Info](#)
Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.

default

Public access [Info](#) **開啟Public access**

☒ **Yes**
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.

☐ **No**
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

VPC security group (firewall) [Info](#)
Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

☒ **Choose existing**
Choose existing VPC security groups

☐ **Create new**
Create new VPC security group

Existing VPC security groups




PostgreSQL ✕


PostgreSQL is a powerful, open-source object-relational database system with a strong reputation of reliability, stability, and correctness.

- High reliability and stability in a variety of workloads.
- Advanced features to perform in high-volume environments.
- Vibrant open-source community that releases new features multiple times per year.
- Supports multiple extensions that add even more functionality to the database.

2022/12

19

 Services ▾ [Alt+S]   vocstartsoft/user308064=



► **Additional configuration**

Database options, backup enabled, backtrack disabled, Enhanced Monitoring disabled, maintenance, CloudWatch Logs, delete protection disabled


Estimated monthly costs


The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:

- 750 hrs of Amazon RDS in a Single-AZ db.t2.micro Instance.
- 20 GB of General Purpose Storage (SSD).
- 20 GB for automated backup storage and any user-initiated DB Snapshots.

[Learn more about AWS Free Tier.](#)

When your free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the [Amazon RDS Pricing page.](#)

 You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.

Cancel 

選點【Create databases】創建資料庫

✔ Successfully created database database-1

View connection details

RDS > Databases



Consider creating a Blue/Green Deployment to minimize downtime during upgrades

You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

Databases

☒ Group resources



Modify

Actions ▼

Restore from S3

Create database

Filter by databases

< 1 > ⚙

確認Status為Available，再點選【資料庫執行個體名稱】查詢相關資訊

DB identifier	Role	Engine	Region & AZ	Size	Status	CPU	Current ac
database-1	Instance	MariaDB	us-east-1f	db.t3.micro	✔ Available	-	

Connectivity & security

Endpoint & port

Endpoint

database-1.cykjdsftsziu.us-east-1.rds.amazonaws.com

Port

3306

Networking

Availability Zone

us-east-1f

VPC

vpc-02fd710ea84fff095

Subnet group

default-vpc-02fd710ea84fff095

Subnets

subnet-0da1c551dac9615e6

subnet-0c4168f893342fa1b

subnet-06be76c370764630a

subnet-02cb9e427de4fbcfa

subnet-000c3d43863812198

subnet-0dfca28a012b16a33

Security

VPC security groups

default (sg-0ca57fe9bb6ee1761)

✔ Active

Publicly accessible

Yes

Certificate authority

rds-ca-2019

Certificate authority date

August 23, 2024, 01:08 (UTC+08:00)

點選【default】，進入Security Group 規則設定

aws Services Search [Alt+S] N. Virginia voclabs/ 5888-3498-7063

New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

▼ Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations

▼ Images
AMIs
AMI Catalog

▼ Elastic Block Store

Security Groups (1/1) Info

Filter security groups

search: sg-0ca57fe9bb6ee1761 Clear filters

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules
<input checked="" type="checkbox"/>	-	sg-0ca57fe9bb6ee1761	default	vpc-02fd710ea84fff095	default VPC security gr...	588834987063	1 Permission ent...

sg-0ca57fe9bb6ee1761 - default

Details **Inbound rules** Outbound rules Tags

You can now check network connectivity with Reachability Analyzer [Run Reachability Analyzer](#)

Inbound rules (1/1)

Filter security group rules

<input checked="" type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range	Source
<input checked="" type="checkbox"/>	-	sgr-02580780e49f1b6...	-	All traffic	All	All	sg-0ca57fe9bb6ee...

Manage tags **Edit inbound rules**

點選【Inbound rules】，再點選【Edit inbound rules】進入編輯

aws Services Search [Alt+S]

EC2 > Security Groups > sg-0ca57fe9bb6ee1761 - default > Edit inbound rules

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

在Type中，點選【MYSQL/Aurora】

在Source，點選【Anywhere-IPv4】

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-02580780e49f1b60b	All traffic	All	All	Custom		Delete
-	MYSQL/Aurora	TCP	3306	Anywhere...		Delete

Add rule

Cancel Preview changes **Save rules**

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連接資料庫



採用MySQL Workbench連接Maria Database

選點【Download】下載 MySQL Workbench

MySQL Community Downloads

MySQL Workbench

[General Availability \(GA\) Releases](#) [Archives](#) [Info](#)

MySQL Workbench 8.0.24

Select Operating System:
Microsoft Windows


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 <small>(mysql-workbench-community-8.0.24-winx64.msi)</small>	8.0.24	42.2M	Download
--	--------	-------	--------------------------

MD5: 4535827195f0e950b2f45b09adbe2e39 | [Signature](#)

選點【No thanks, just start my download.】下載 MySQL Workbench

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

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using my Oracle Web account

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for an Oracle Web account

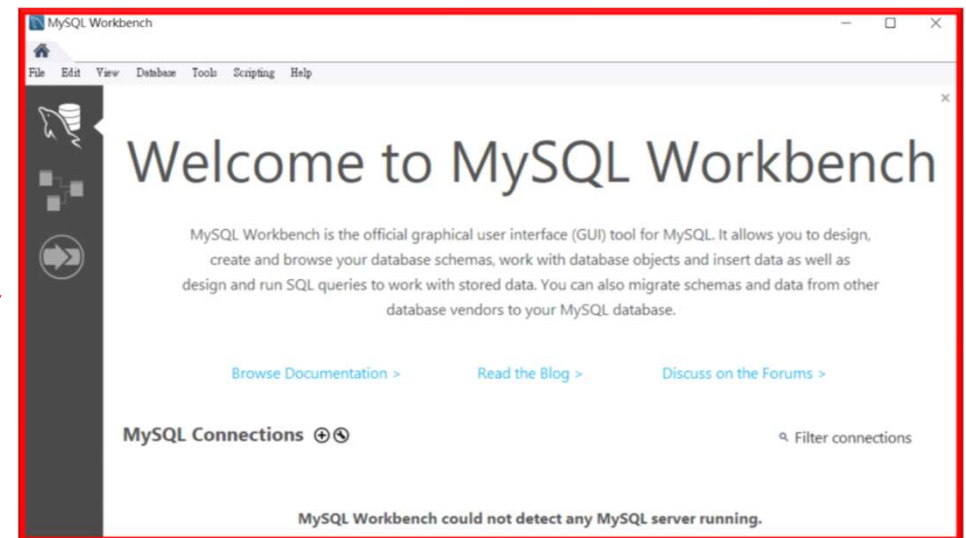
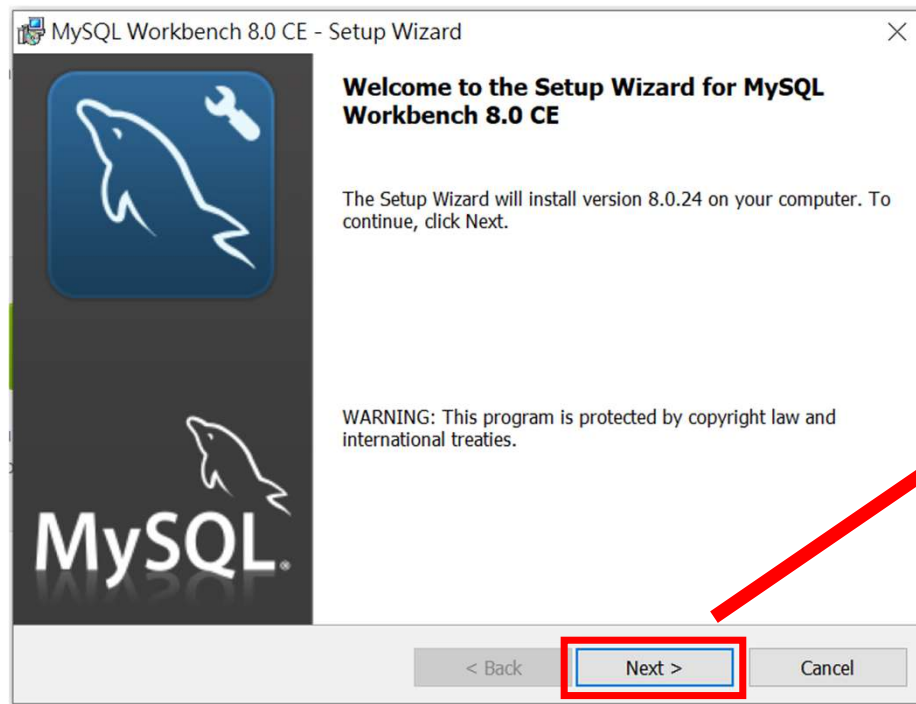
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

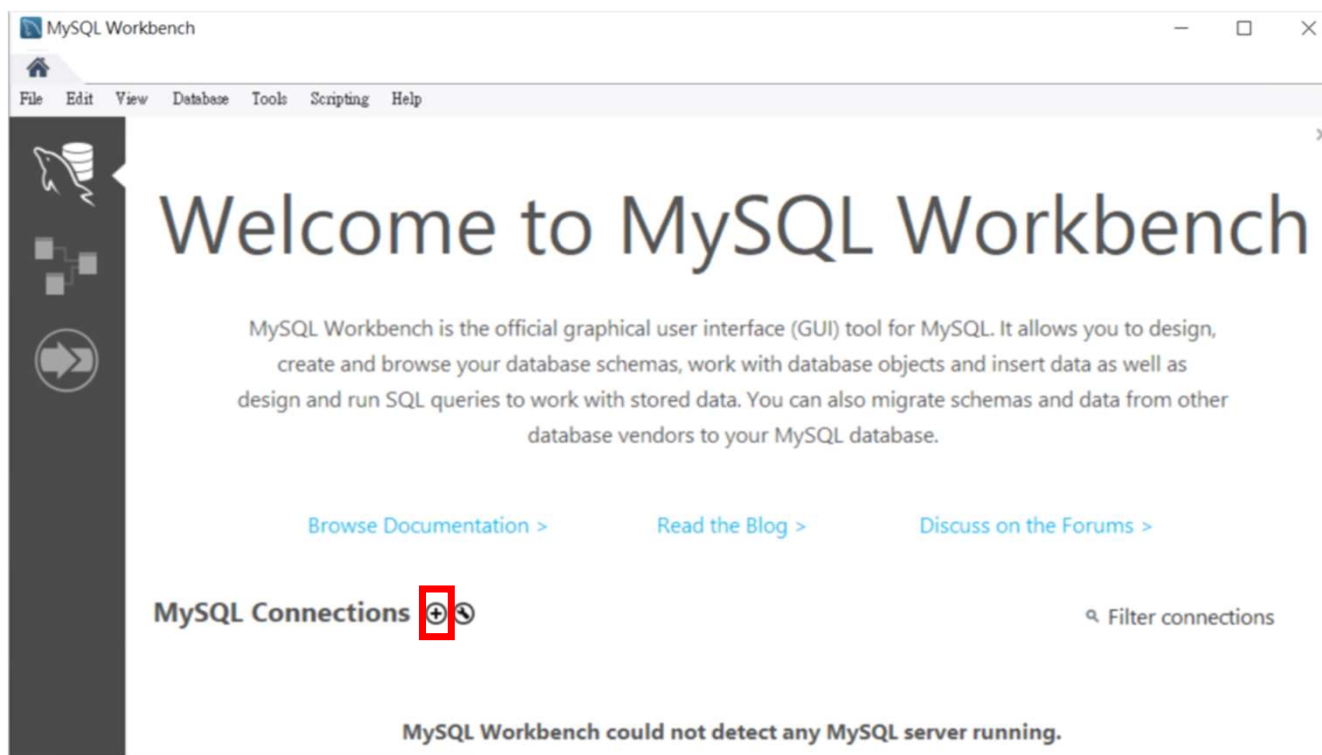
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選點【Next】、【Install】或【Finish】，來完成安裝



在MySQL Connections中，點選【⊕】



在 Connection Name 中，輸入自訂連線資訊名稱

Setup New Connection

Connection Name: **AWS_RDS_DB** Type a name for the connection

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: 127.0.0.1 Port: 3306 Name or IP address of the server host - and TCP/IP port.

Username: root Name of the user to connect with.

Password: Store in Vault ... Clear The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

Configure Server Management... Test Connection Cancel OK

回到AWS RDS的Database裡

The screenshot illustrates the navigation path within the AWS Management Console to reach the Amazon RDS Databases page. The path is highlighted with red arrows and red boxes:

- Services** (top navigation bar)
- Database** (left sidebar menu)
- RDS** (left sidebar menu, under Database)
- Databases** (Amazon RDS sub-menu)

The final view shows the **Databases** page with a table of RDS databases. The table has the following columns: DB identifier, Role, Engine, Region & AZ, and Size. The first row is highlighted:

DB identifier	Role	Engine	Region & AZ	Size
database-1	Instance	MariaDB	us-east-1c	db.t2.micro

將AWS RDS中的Endpoint複製，到MySQL Workbench中的Hostname

The image shows a screenshot of the AWS RDS console and a MySQL Workbench 'Setup New Connection' dialog box. A red arrow points from the 'Endpoint' field in the AWS console to the 'Hostname' field in the MySQL Workbench dialog.

AWS RDS Console (database-1):

- Summary:**
 - DB identifier: database-1
 - CPU: 1.50%
 - Status: Available
 - Role: Instance
 - Current activity: 0 Connections
 - Engine: MariaDB
- Connectivity & security:**
 - Endpoint & port:**
 - Endpoint: database-1.ctxqxdzvq5sl.us-east-1.rds.amazonaws.com
 - Port: 3306
 - Networking:**
 - Availability zone: us-east-1c
 - VPC: vpc-605fc21a
 - Subnet group: default-us-east-1

MySQL Workbench 'Setup New Connection' dialog:

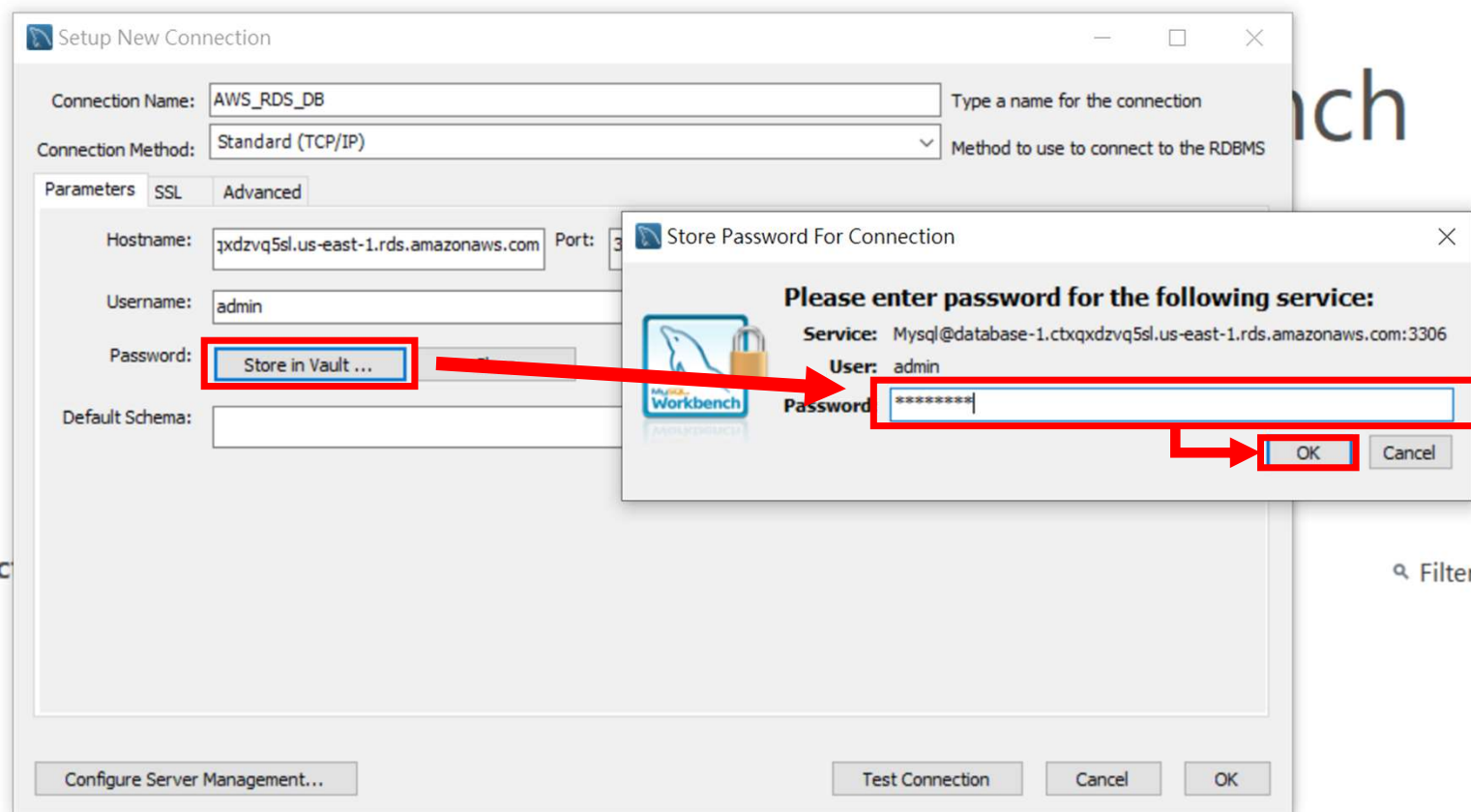
- Connection Name: AWS_RDS_DB
- Connection Method: Standard (TCP/IP)
- Parameters tab selected.
- Hostname: database-1.ctxqxdzvq5sl.us-east-1.rds.amazonaws.com
- Port: 3306
- Username: root
- Password: (Store in Vault ... / Clear)
- Default Schema: (blank)

在Username中，輸入【admin】

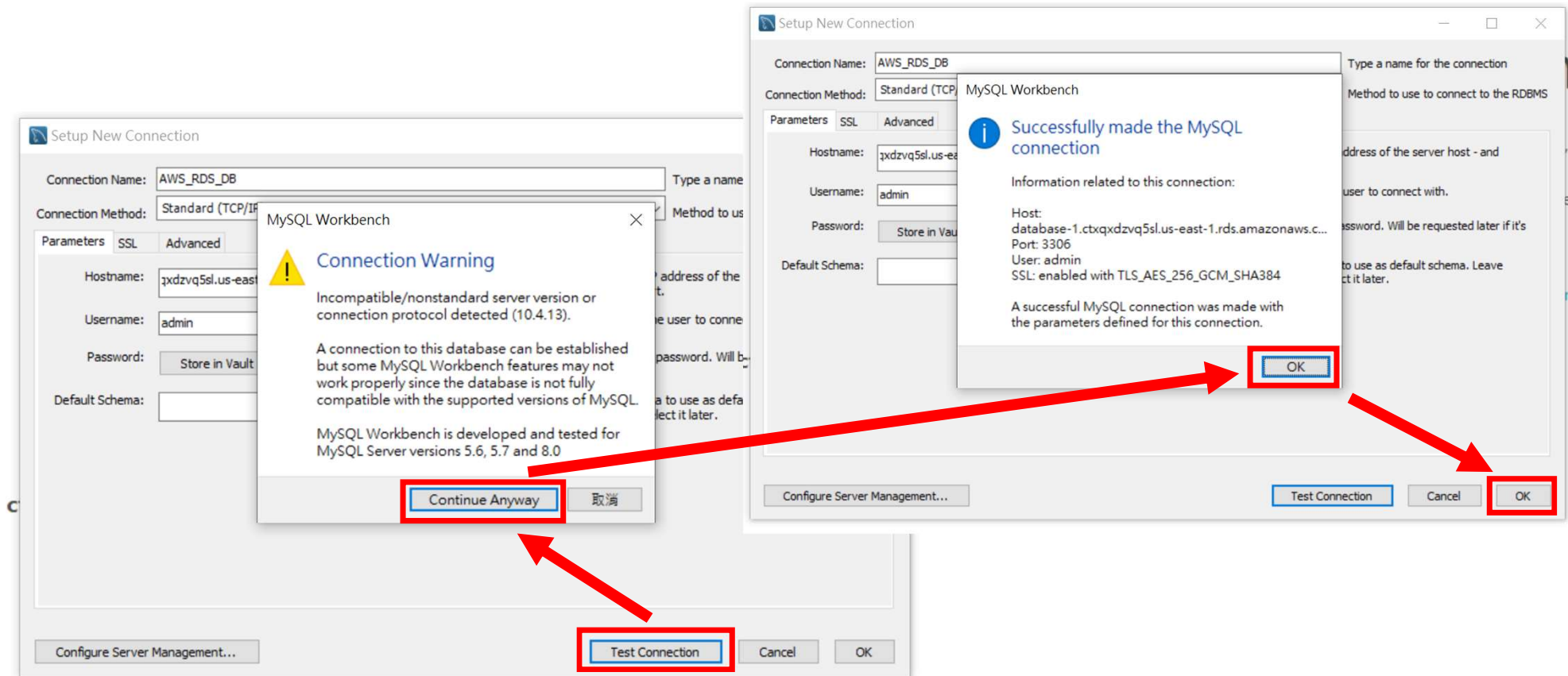
The image shows a 'Setup New Connection' dialog box with the following fields and options:

- Connection Name:** AWS_RDS_DB (with a hint: 'Type a name for the connection')
- Connection Method:** Standard (TCP/IP) (with a hint: 'Method to use to connect to the RDBMS')
- Parameters Tab:** Selected, with sub-tabs for SSL and Advanced.
- Hostname:** jxdzvq5sl.us-east-1.rds.amazonaws.com (with a hint: 'Name or IP address of the server host - and TCP/IP port.')
- Port:** 3306
- Username:** admin (highlighted with a red rectangle; with a hint: 'Name of the user to connect with.')
- Password:** Includes 'Store in Vault ...' and 'Clear' buttons (with a hint: 'The user's password. Will be requested later if it's not set.')
- Default Schema:** (with a hint: 'The schema to use as default schema. Leave blank to select it later.')
- Buttons at the bottom:** 'Configure Server Management...', 'Test Connection', 'Cancel', and 'OK'.

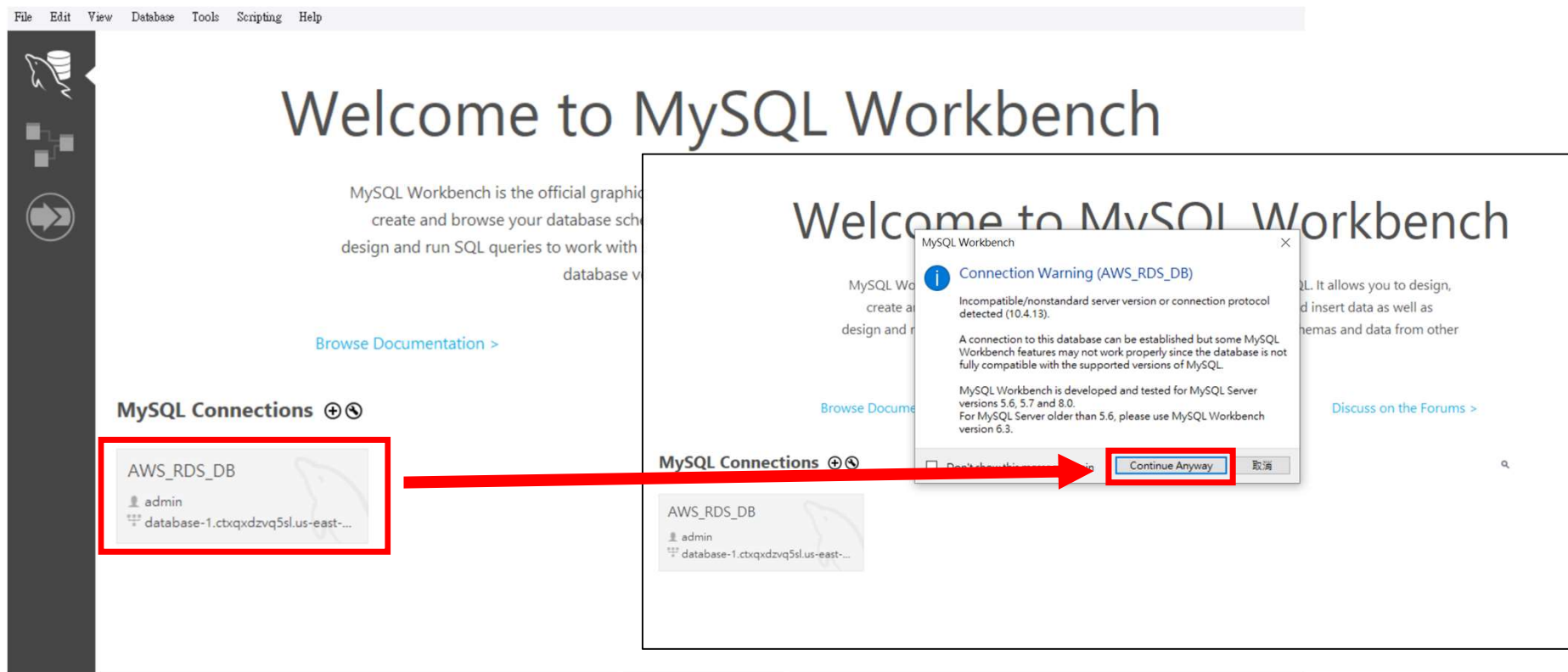
選點【Store in Vault...】，在Password中輸入【12345678】，並選點【OK】



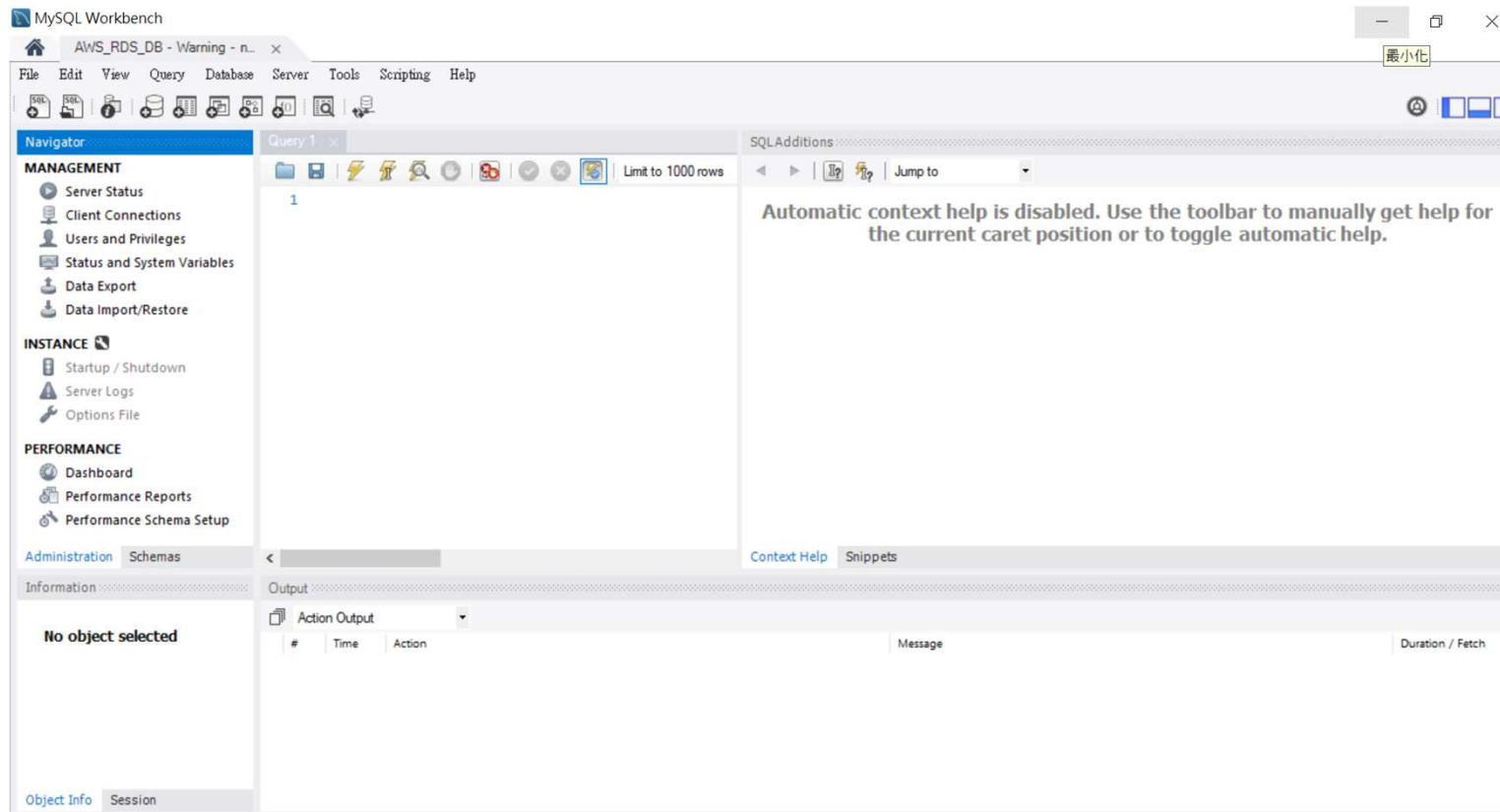
選點【Test Connection】，再選點【Continue Anyway】，最後選點【OK】



選點【AWS_RDS_DB】，再選點【Continue Anyway】



完成連接



測試資料庫



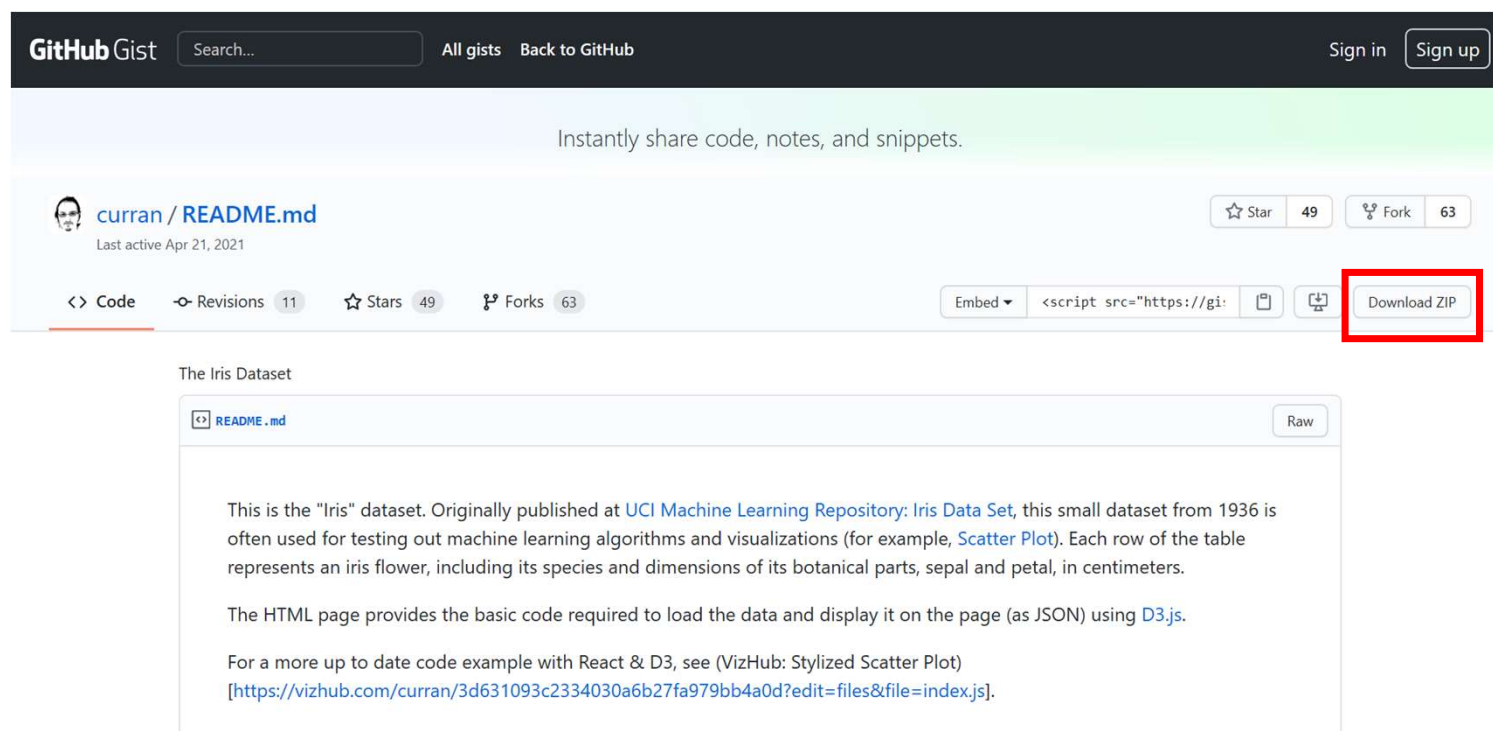
採用MySQL Workbench連線軟體，連至Database

測試檔案下載位址

1. <https://gist.github.com/curran/a08a1080b88344b0c8a7>
●.csv檔範例(IRIS database)
2. <https://www.mysqltutorial.org/mysql-sample-database.aspx>
●.sql檔範例

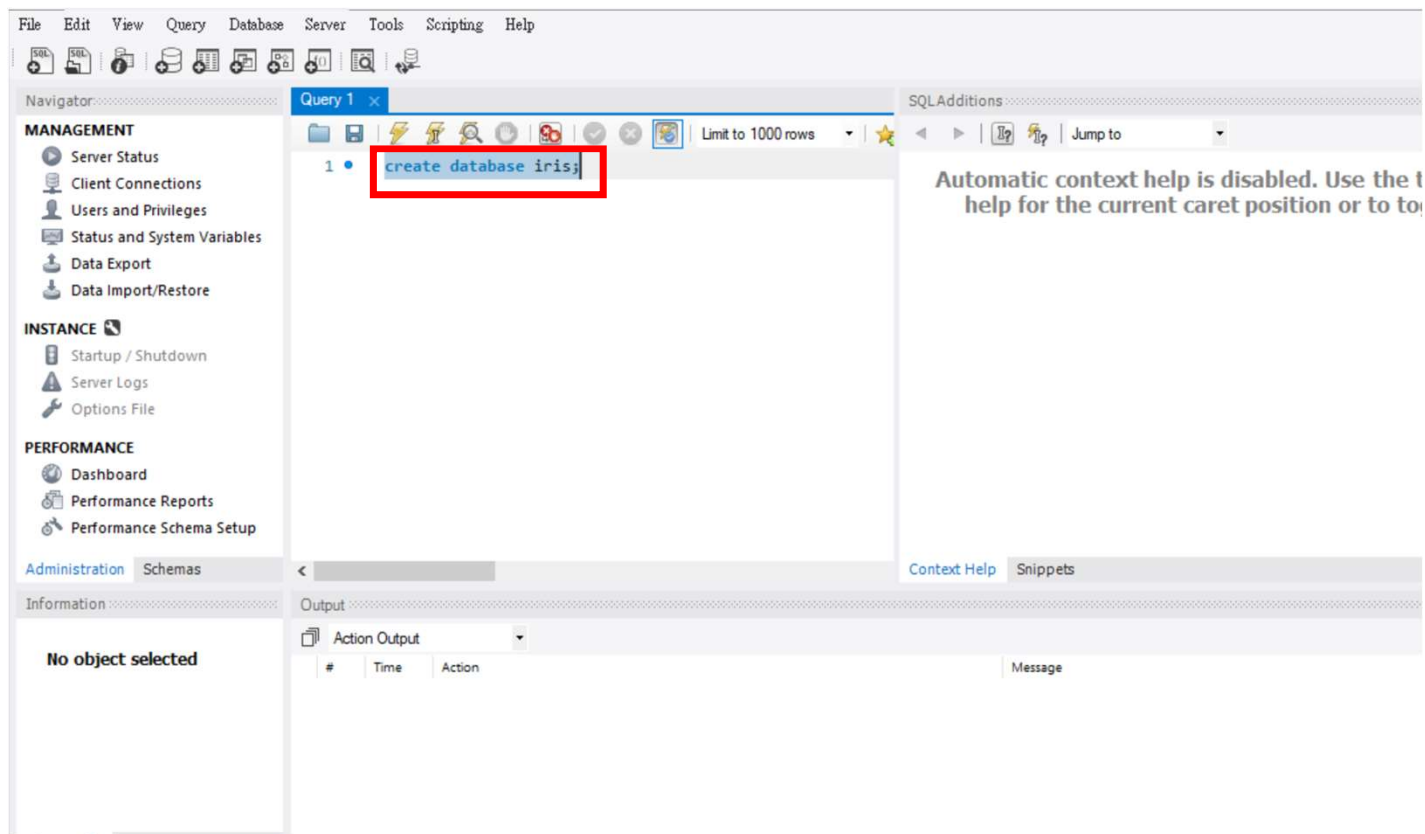
測試一 使用 CSV 檔做測試

下載測試檔，選點【Download ZIP】，並解壓縮檔案



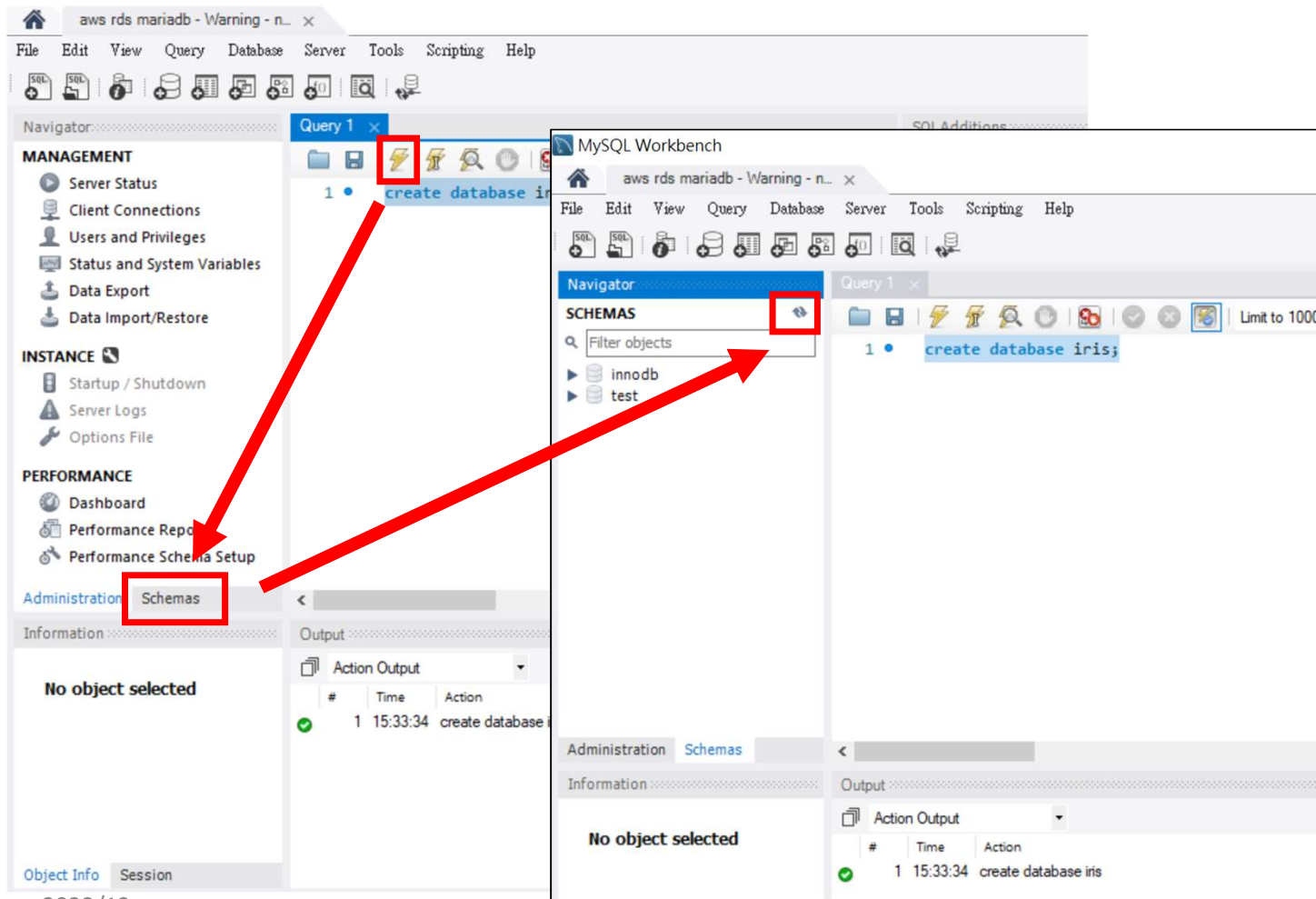
測試一 使用 .CSV 檔做測試

回到MySQL Workbench，在Query1輸入【create database iris;】



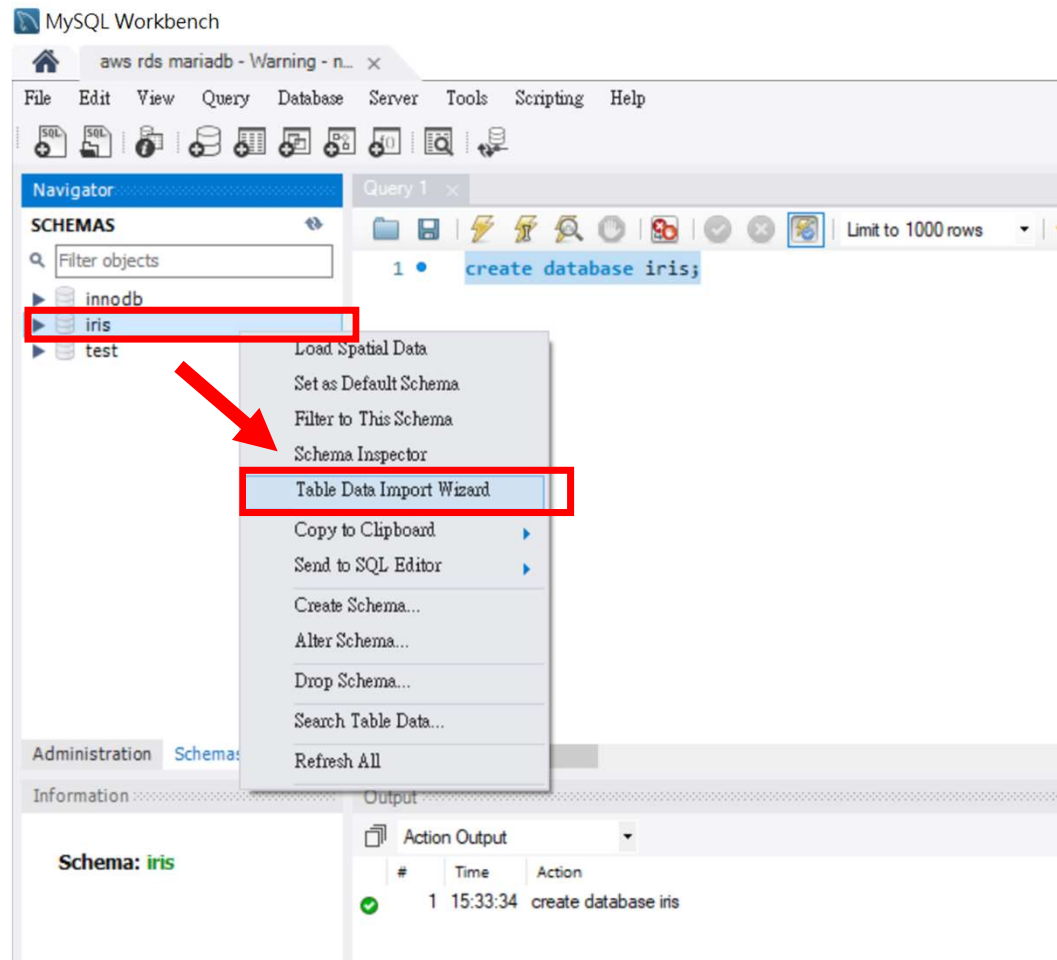
測試一 使用 CSV 檔做測試

選點【】執行程式，再選點【Schemas】，最後選點【】

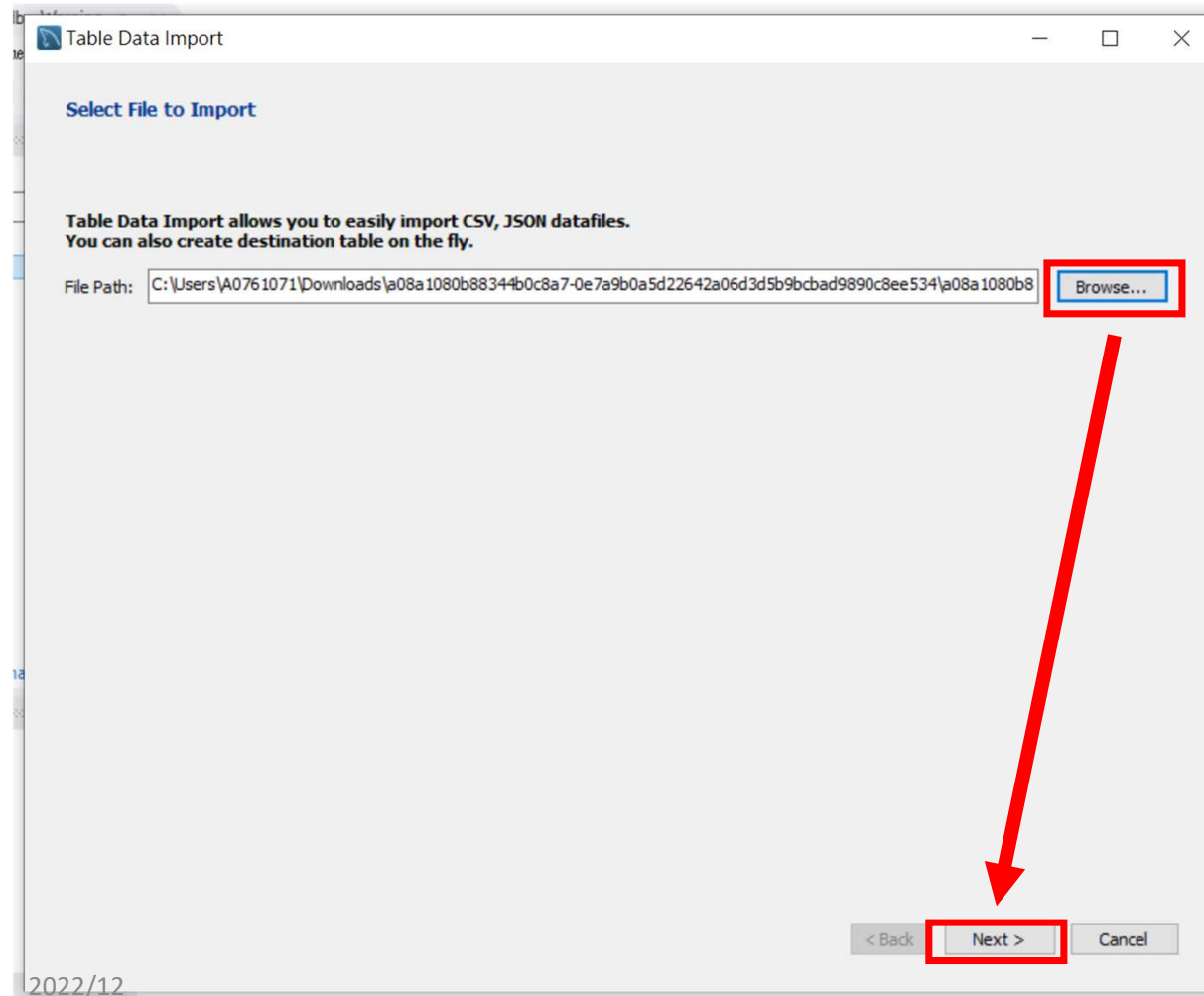


2022/12

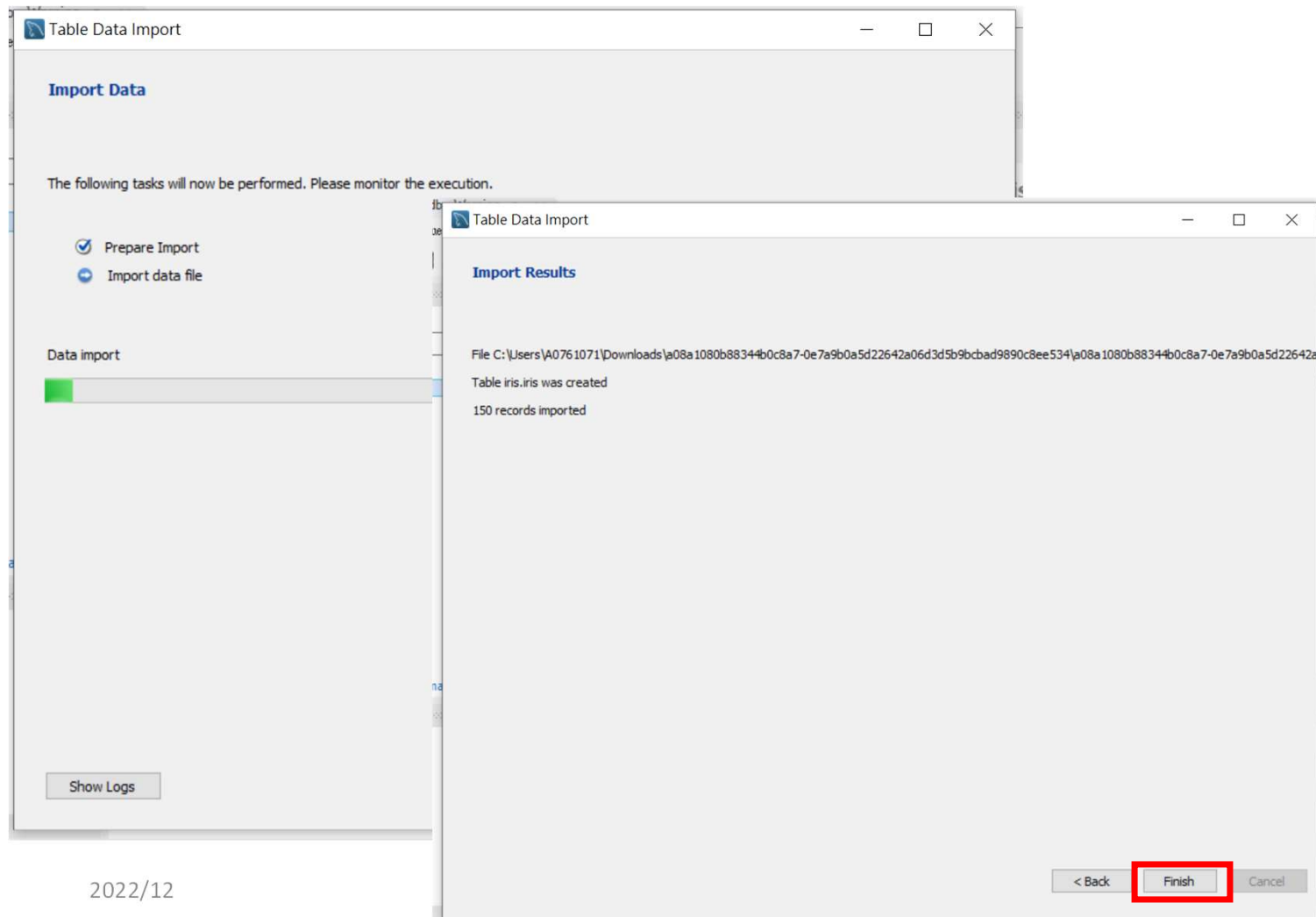
右鍵選點【iris】，再選點【Table Data Import Wizard】



選點【Browse】使路徑指到iris.csv，再選點【Next】

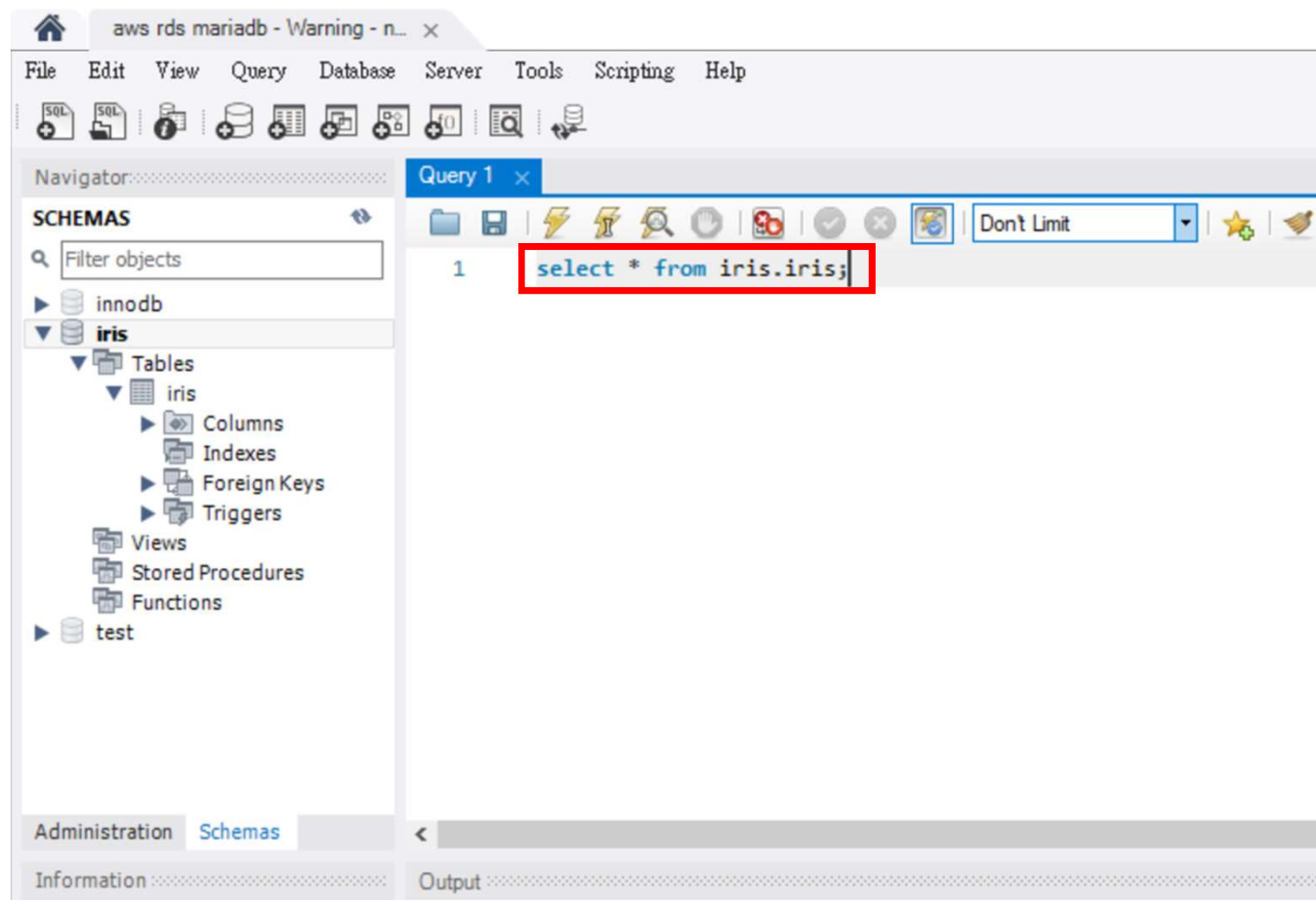


之後一直選點【Next】來匯入資料，再選點【Finish】



回到Query1輸入【select * from iris.iris;】

MySQL Workbench



選點【】執行程式，下方會顯示結果，就完成了

MySQL Workbench

aws rds mariadb - Warning - n...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

innodb

iris

Tables

iris

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

test

Query 1

1 select * from iris.iris;

Result Grid

	sepal_length	sepal_width	petal_length	petal_width	species
▶	5.1	3.5	1.4	0.2	setosa
	4.9	3	1.4	0.2	setosa
	4.7	3.2	1.3	0.2	setosa
	4.6	3.1	1.5	0.2	setosa
	5	3.6	1.4	0.2	setosa

iris 2

Administration Schemas

Information

Output

Action Output

#	Time	Action	Message
12	16:04:16	select* from iris LIMIT 0, 1000	Error Cod

Schema: iris

2022/12

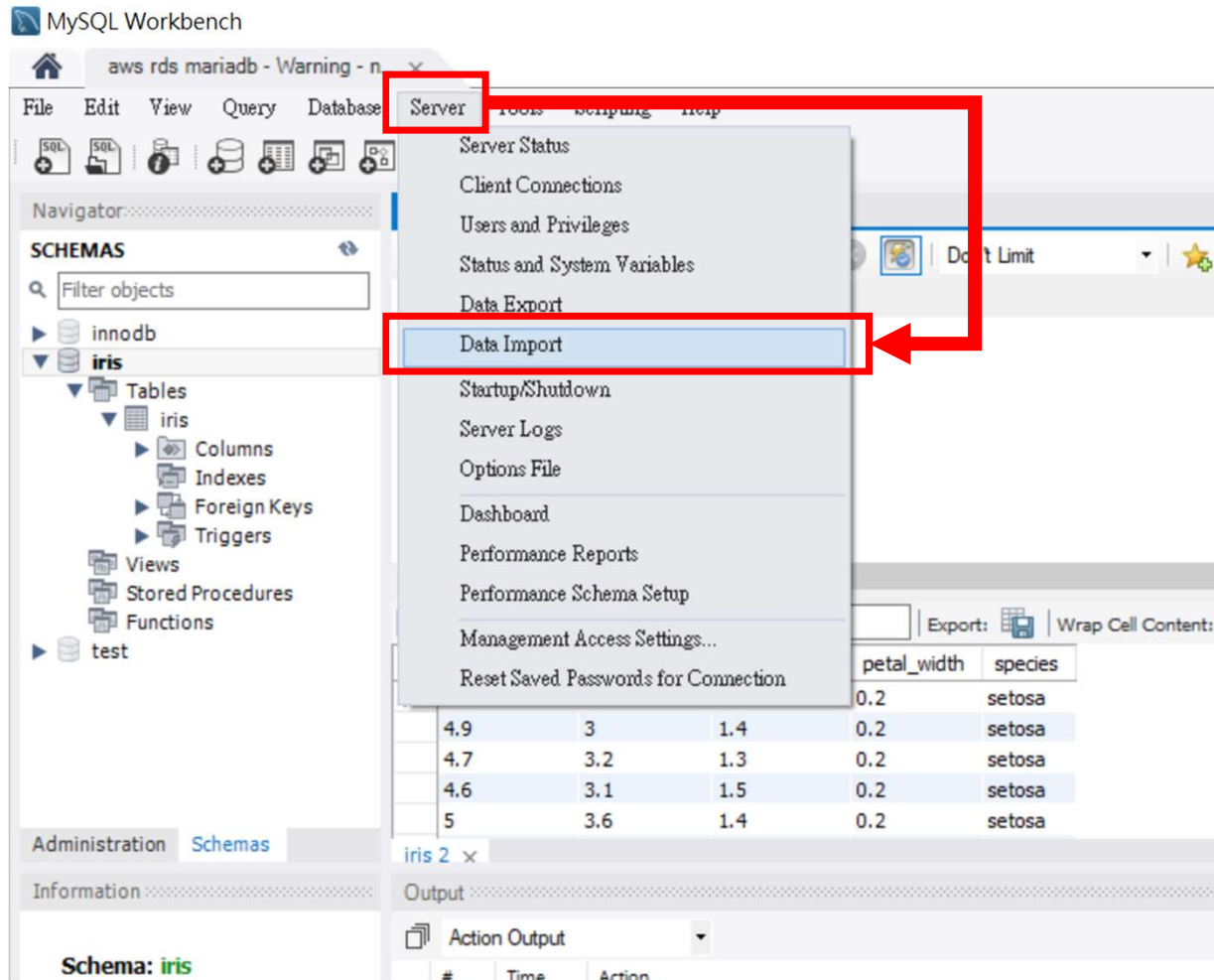
測試二 使用 .SQL 檔做測試

1. 下載測試檔，選點【Download MySQL Sample Database】，並解壓縮檔案

The screenshot shows the MySQL Tutorial website. The navigation bar includes links for HOME, START HERE, BASICS, ADVANCED, FUNCTIONS, API, and TRYIT. The main heading is 'MySQL Sample Database'. Below this, there are advertisements for GoJS Interactive Diagrams and Nespresso. The text explains that the 'classicmodels' database is used as a MySQL sample database. A section titled 'Download MySQL Sample Database' contains the text: 'You can download the MySQL sample database via the following link:'. Below this text, the link 'Download MySQL Sample Database' is highlighted with a red rectangular box. At the bottom, a note states: 'The download file is in ZIP format so you need a zip program to unzip it. You can download a free zip...'.

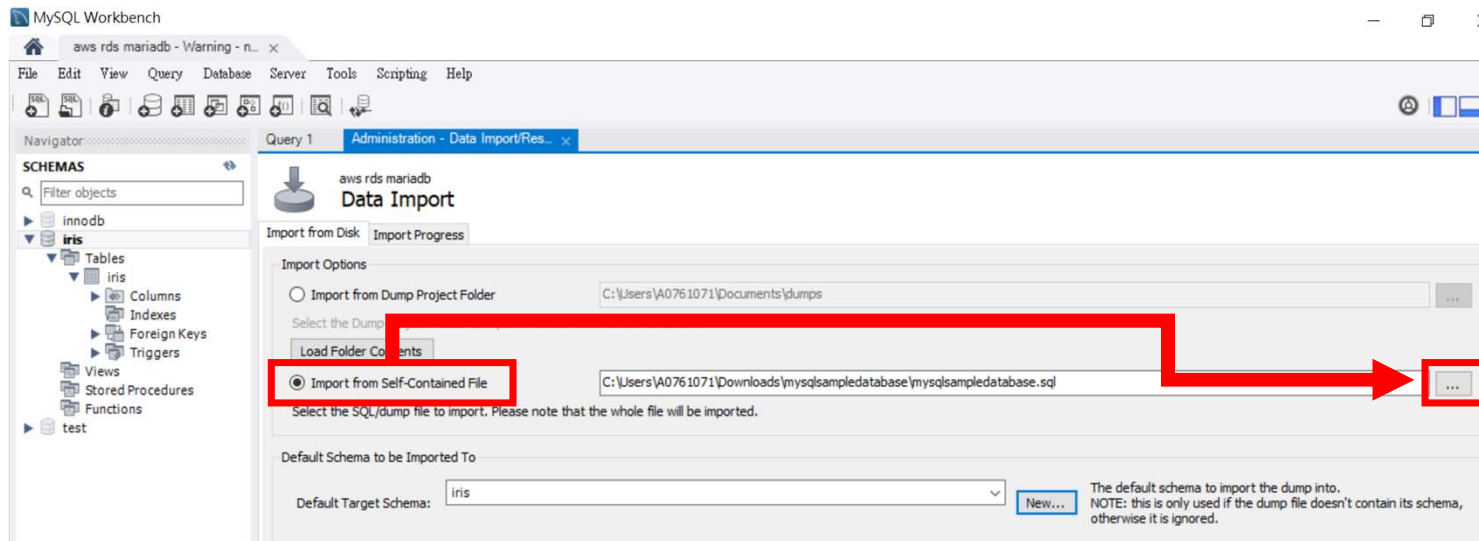
測試二 使用 .SQL 檔做測試

2. 選點【Server】，再選點【Data Import】



2022/12

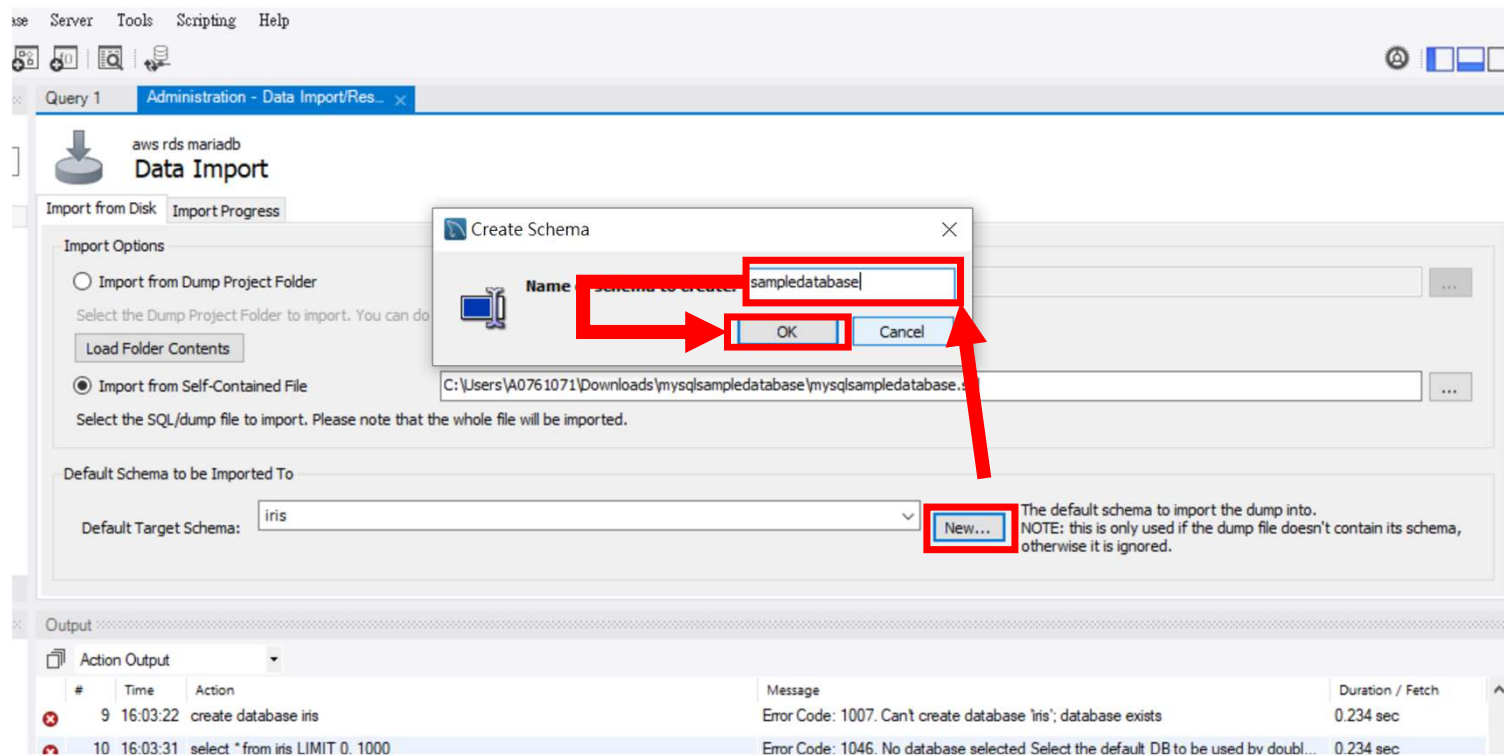
3. 選點【Import from Self-Contained File】，再選點【...】使路徑指到mysqlsampledatabase.sql



測試二
使用 .SQL 檔做測試

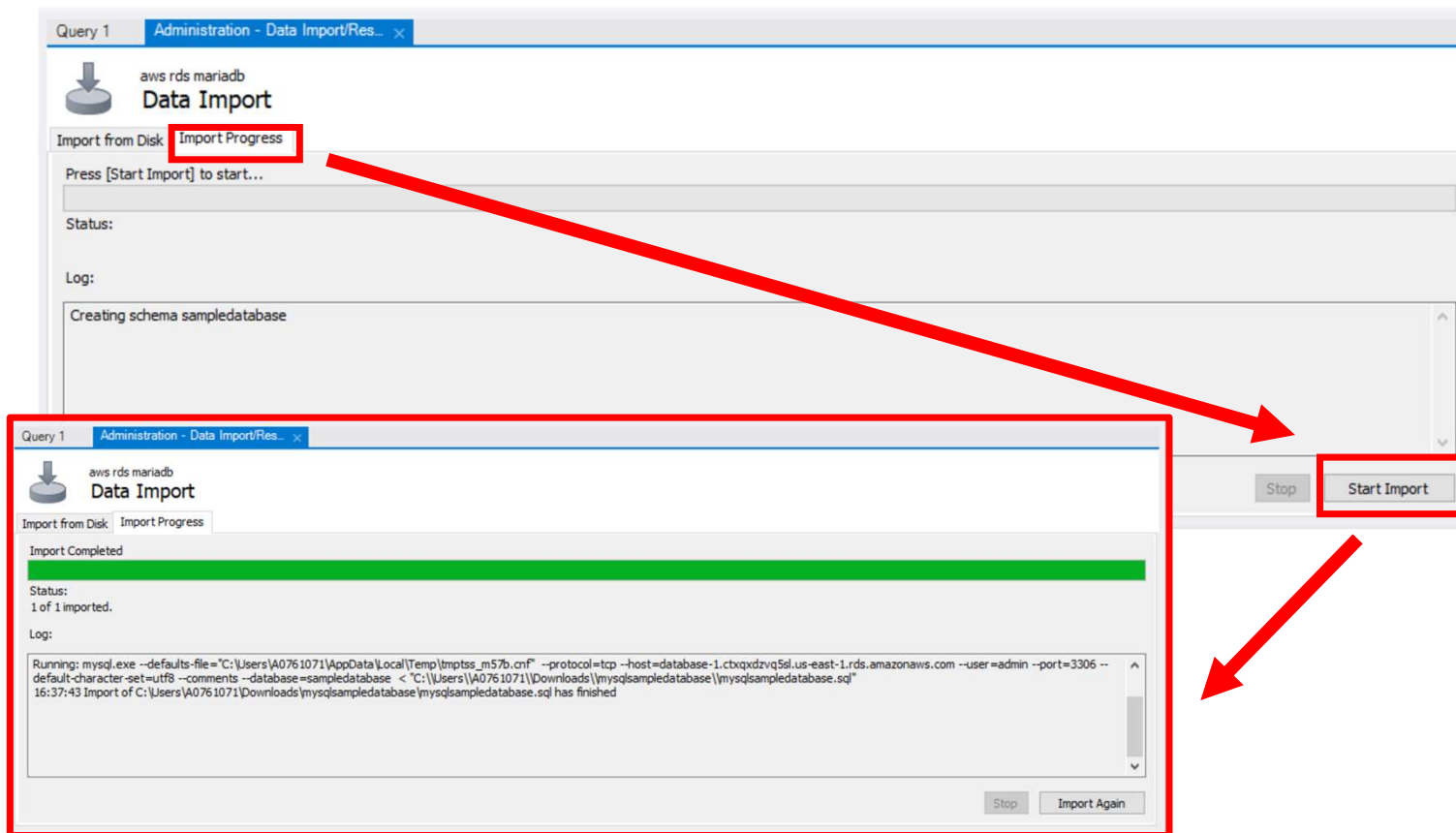
測試二 使用 .SQL 檔做測試

4. 選點【New...】，再輸入【sampledatabase】，最後選點【OK】



測試二 使用 .SQL 檔做測試

5. 選點【Import Progress】，再選點【Start Import】，最後會出現下方的畫面，就代表匯入好了



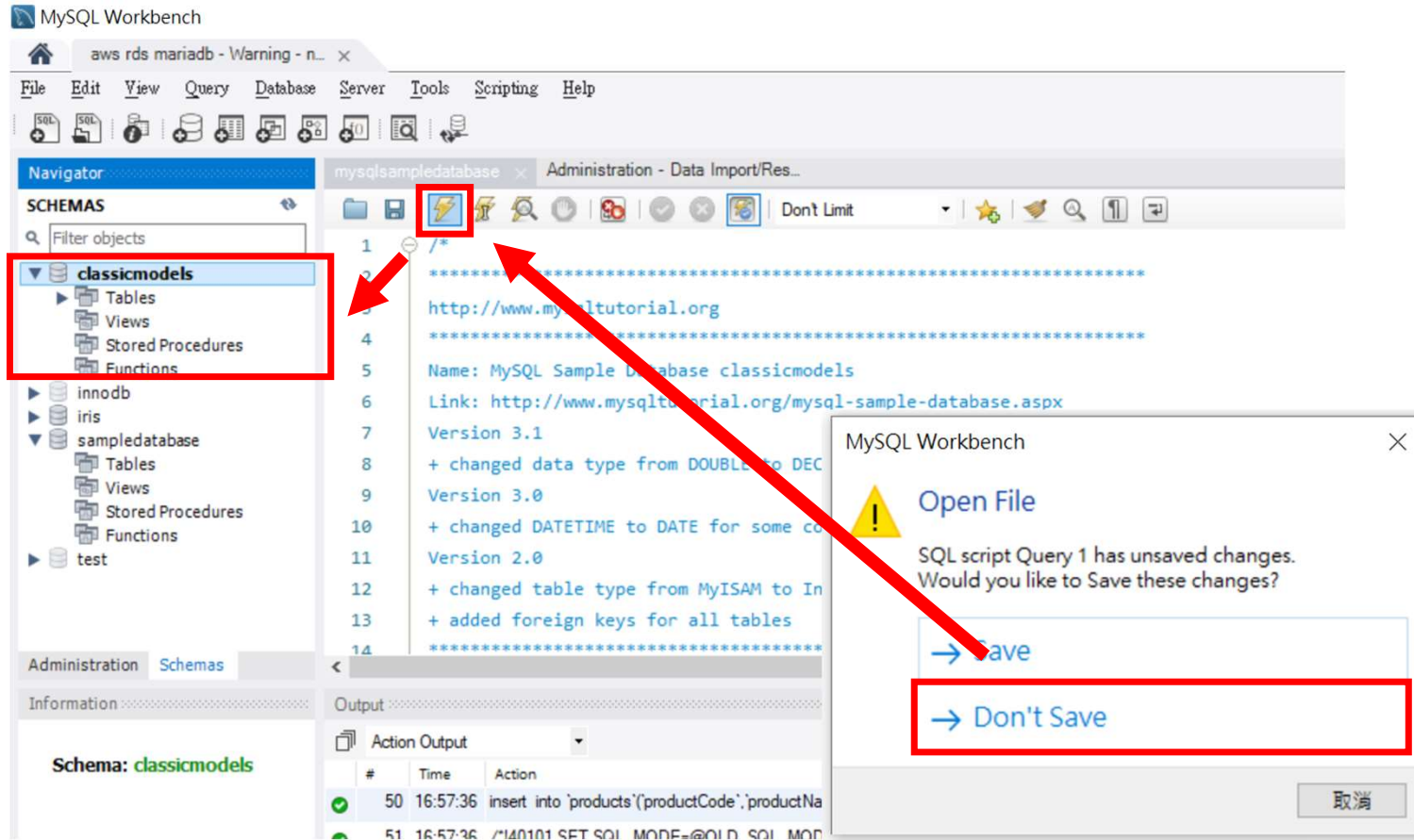
測試二 使用SQL檔做測試

6. 回到Query1選點【】，再選點【SQL範例檔】，最後選點【開啟】



測試二 使用SQL檔做測試

7. 選點【Don't Save】，再選點【】，最後會看到新增出來的資料



測試二 使用SQL檔做測試

8. Mysqlesampledatabse把資料刪除後，輸入【select * from classicmodels.customers;】，再選點【⚡️】，最後下方會顯示結果，就完成了

MySQL Workbench interface showing the execution of a SQL query. The query is: `select * from classicmodels.customers;`. The results are displayed in a table below the query editor.

customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1	addressLine2	city	state	postal
103	Atelier graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.	NULL	Las Vegas	NV	83030
114	Australian Collectors, Co.	Ferguson	Peter	03 9520 4555	636 St Kilda Road	Level 3	Melbourne	Victoria	3004
119	La Rochelle Gifts	Labrun	Janine	40.67.8555	67, rue des Cinquante Otages	NULL	Nantes	NULL	44000
121	Baane Mini Imports	Bergulfsen	Jonas	07-98 9555	Erling Skakkes gate 78	NULL	Stavern	NULL	4110

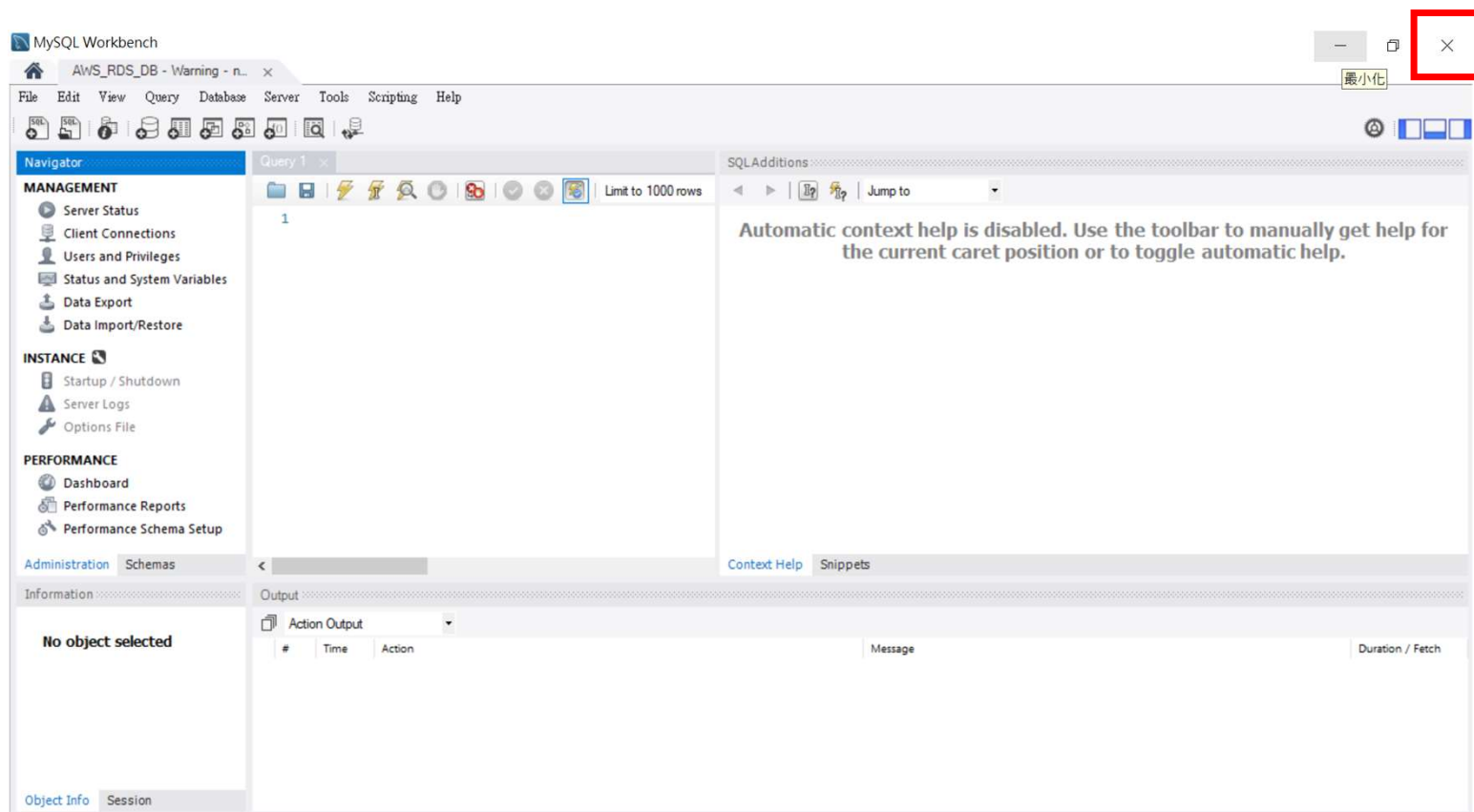
The bottom section of the screenshot shows the 'Action Output' window with the following log entries:

#	Time	Action	Message	Duration / Fetc
51	16:57:36	/!140101 SET SQL_MODE=@OLD_SQL_MODE */	0 row(s) affected	0.250 sec
52	16:57:36	/!140014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */	0 row(s) affected	0.235 sec
53	16:57:37	/!140014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */	0 row(s) affected	0.234 sec
54	16:57:37	/!140111 SET SQL_NOTES=@OLD_SQL_NOTES */	0 row(s) affected	0.234 sec

關閉資料庫

Pay as you use 使用多少，付多少。

關閉MySQL Workbench，選點【X】



aws Services Search [Alt+S] N. Virginia voclabs/ 5888-3498-7063

Amazon RDS

- Dashboard
- Databases**
- Query Editor
- Performance insights
- Snapshots
- Exports in Amazon S3
- Automated backups
- Reserved instances
- Proxies
- Subnet groups
- Parameter groups
- Option groups
- Custom engine versions
- Events
- Event subscriptions
- Recommendations 1

RDS > Databases

Consider creating a Blue/Green Deployment to minimize downtime during upgrades
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

Databases ☒ Group resources

Filter by databases

DB identifier	Role	Engine	Region & AZ	Size
database-1	Instance	MariaDB	us-east-1f	db.t3.micro

Stop temporarily

Reboot

Delete

Set up EC2 connection

Create read replica

Current activity

2 Connections

暫停Database，選點【Actions】，選點【Stop temporarily】。
AWS RDS服務仍須計費，請留意。

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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勾選【I acknow...】，再選點【Stop temporarily】

Stop DB instance temporarily

×

You are stopping this DB instance for up to 7 days. You can restart the DB instance manually at any time. To stop the DB instance permanently, save it in a snapshot and delete it. [Learn more](#)

Acknowledgement

☒ I acknowledge that the DB instance will restart automatically after 7 days, on December 26, 2022, 12:26 (UTC+08:00).

Snapshot - optional

☐ Save the DB instance in a snapshot
The snapshot enables you to restore the DB instance to its last state before it was stopped.

Cancel

Stop temporarily

aws Services Search [Alt+S] N. Virginia voclabs/ 5888-3498-7063

Amazon RDS

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- Databases**
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Stop temporarily
Reboot
Delete
Set up EC2 connection
Create read replica

Current activity
2 Connections

終止Database，選點【Actions】，選點【Delete】刪除資料庫。
AWS RDS服務不再計費。

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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Delete database-1 instance?



建立DB映像檔，AWS RDS服務仍須計費。

Are you sure you want to Delete the **database-1** DB Instance?

☒ Create final snapshot?

Determines whether a final DB Snapshot is created before the DB instance is deleted.

Final snapshot name

The DBSnapshotIdentifier of the new DB Snapshot created.

database-1-snapshot

☒ Retain automated backups

Determines whether retaining automated backups for 7 days after deletion

You will be billed for retained backup storage at the rate described as 'Additional backup storage' found in [Backup Storage](#).

To confirm deletion, type *delete me* into the field

delete me

Cancel

Delete

Delete database-1 instance?



Are you sure you want to Delete the **database-1** DB Instance?

☐ Create final snapshot?

Determines whether a final DB Snapshot is created before the DB instance is deleted.

☐ Retain automated backups

Determines whether retaining automated backups for 7 days after deletion

☒ I acknowledge that upon instance deletion, automated backups, including system snapshots and point-in-time recovery, will no longer be available.

To confirm deletion, type *delete me* into the field

delete me

We strongly recommend taking a final snapshot before instance deletion since after your instance is deleted, automated backups will no longer be available.

Cancel

Delete

選點【右上方的帳號】，再選點【Sing Out】

The screenshot shows the AWS Management Console interface. At the top, the AWS logo and navigation bar are visible. The user's account information, 'vocstartsoft/user308064= _____ @ 0576-3876-0906', is highlighted with a red box. A dropdown menu is open, showing options like 'Federated Login', 'My Account', 'My Organization', 'My Service Quotas', 'My Billing Dashboard', 'Switch Roles', and 'Sign Out'. The 'Sign Out' option is also highlighted with a red box. A red arrow points from the user's account information to the 'Sign Out' option. The main content area displays the 'database-2' instance details, including a summary table with columns for DB identifier, CPU, Role, and Current activity. The 'Connectivity & security' tab is selected, showing details for endpoint & port, networking, and security.

Amazon RDS

Dashboard

Databases

Query Editor

Performance Insights

Snapshots

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom Availability Zones

Events

Event subscriptions

RDS > Databases > database-2

database-2

Summary

DB identifier database-2	CPU -
Role Instance	Current activity 0 Connections

Connectivity & security | Monitoring | Logs & events | Configuration | Maintenance & backups | Tags

Connectivity & security

Endpoint & port Endpoint	Networking Availability zone	Security VPC security groups
-----------------------------	---------------------------------	---------------------------------