

# Applied Databases

## Higher Diploma in Data Analytics

### Exercise 1 – Connect to your Virtual Machine (VM)

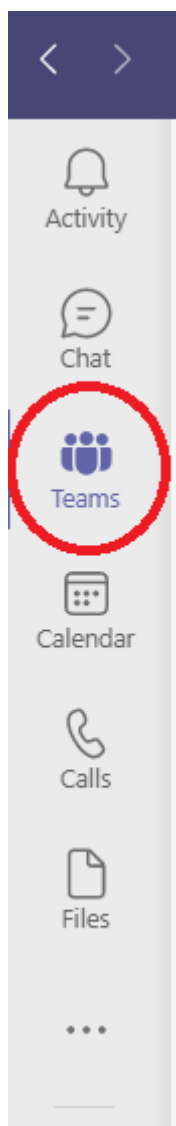
All software that you need for this module has already been installed on your own personal Virtual Machine (VM).

You should use this VM for all your work in this module, but for nothing else only this module.

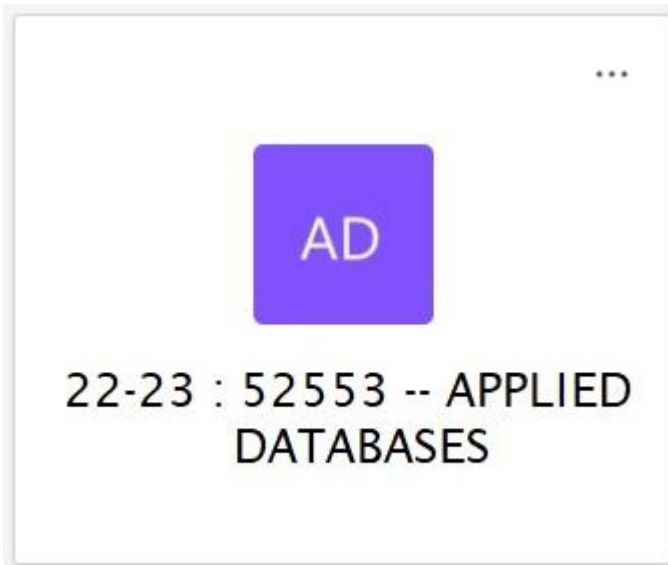
**Be sure to regularly back up your work off the VM, e.g., on OneDrive or your own personal computer.**

To access your VM, do the following:

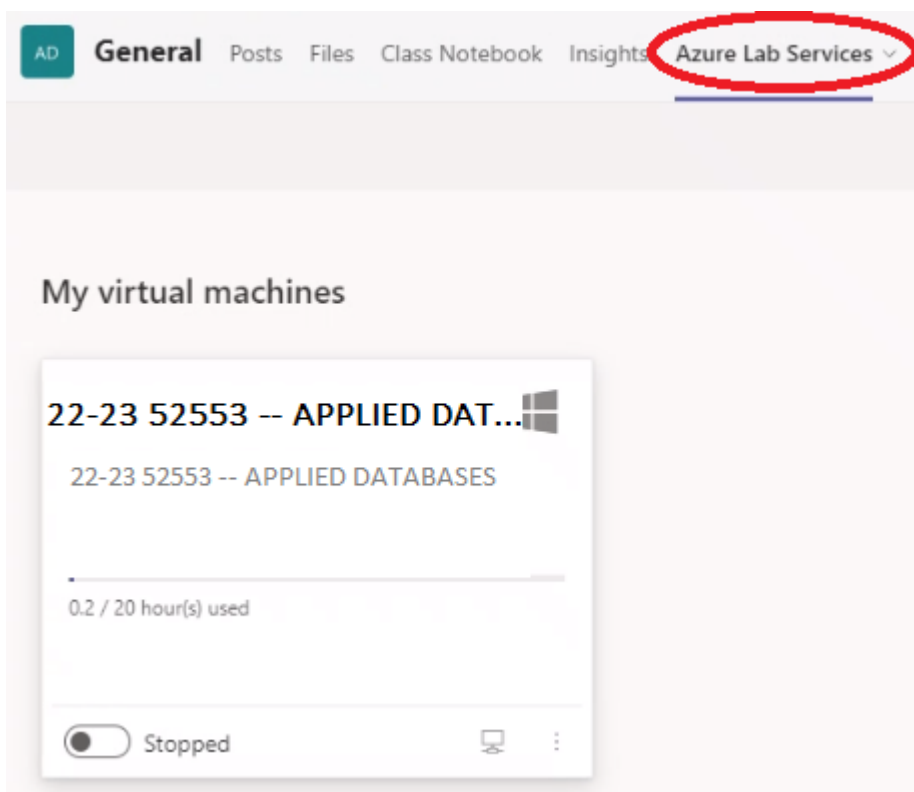
- Go to the *Teams* tab in Microsoft Teams (or <https://labs.azure.com/>):



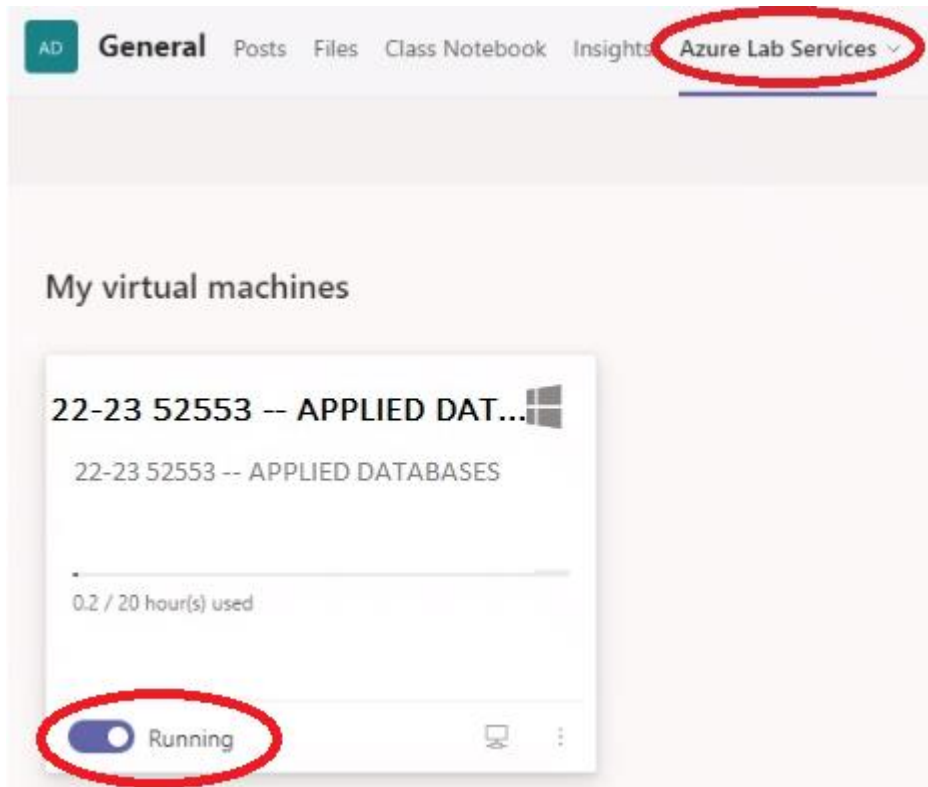
- Click on the Team 22-23: 52553 – APPLIED DATABASES:



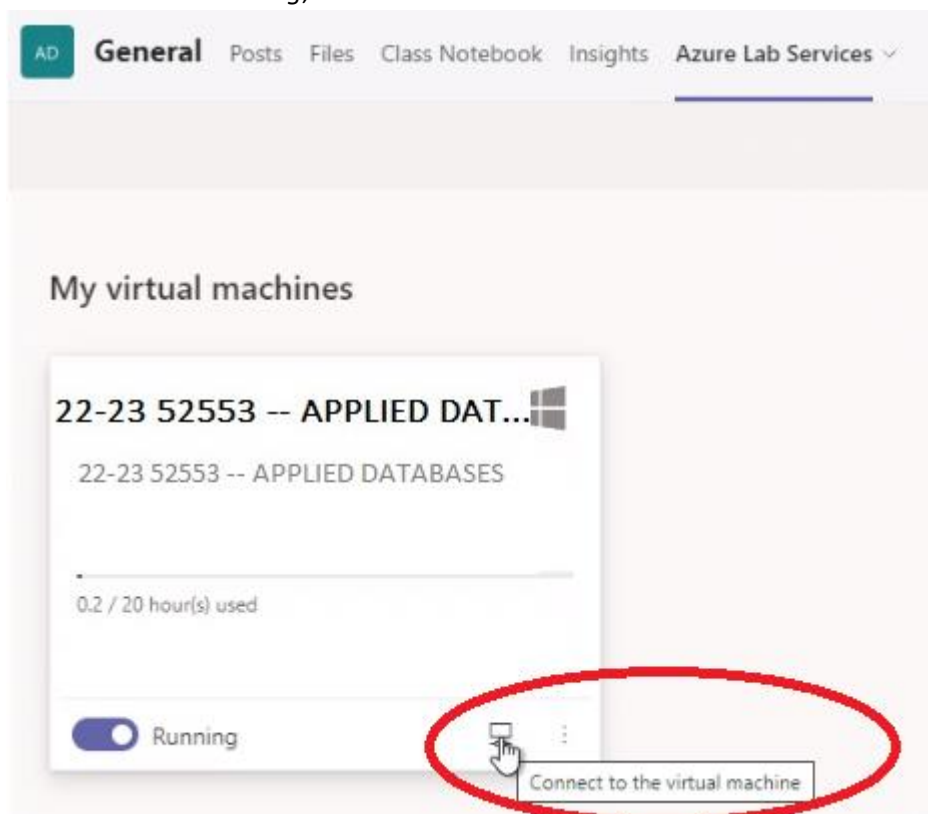
- Click on the *Azure Lab Services* tab:



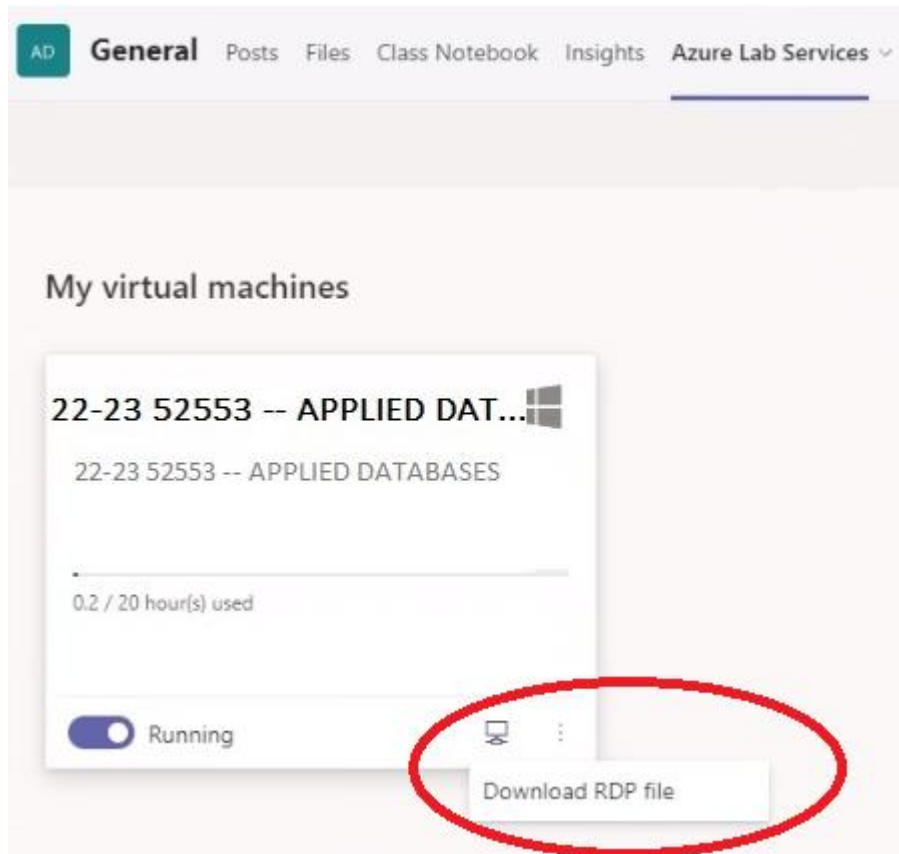
- Turn on the VM as shown:



- When the VM is *Running*, connect to the VM as shown...:



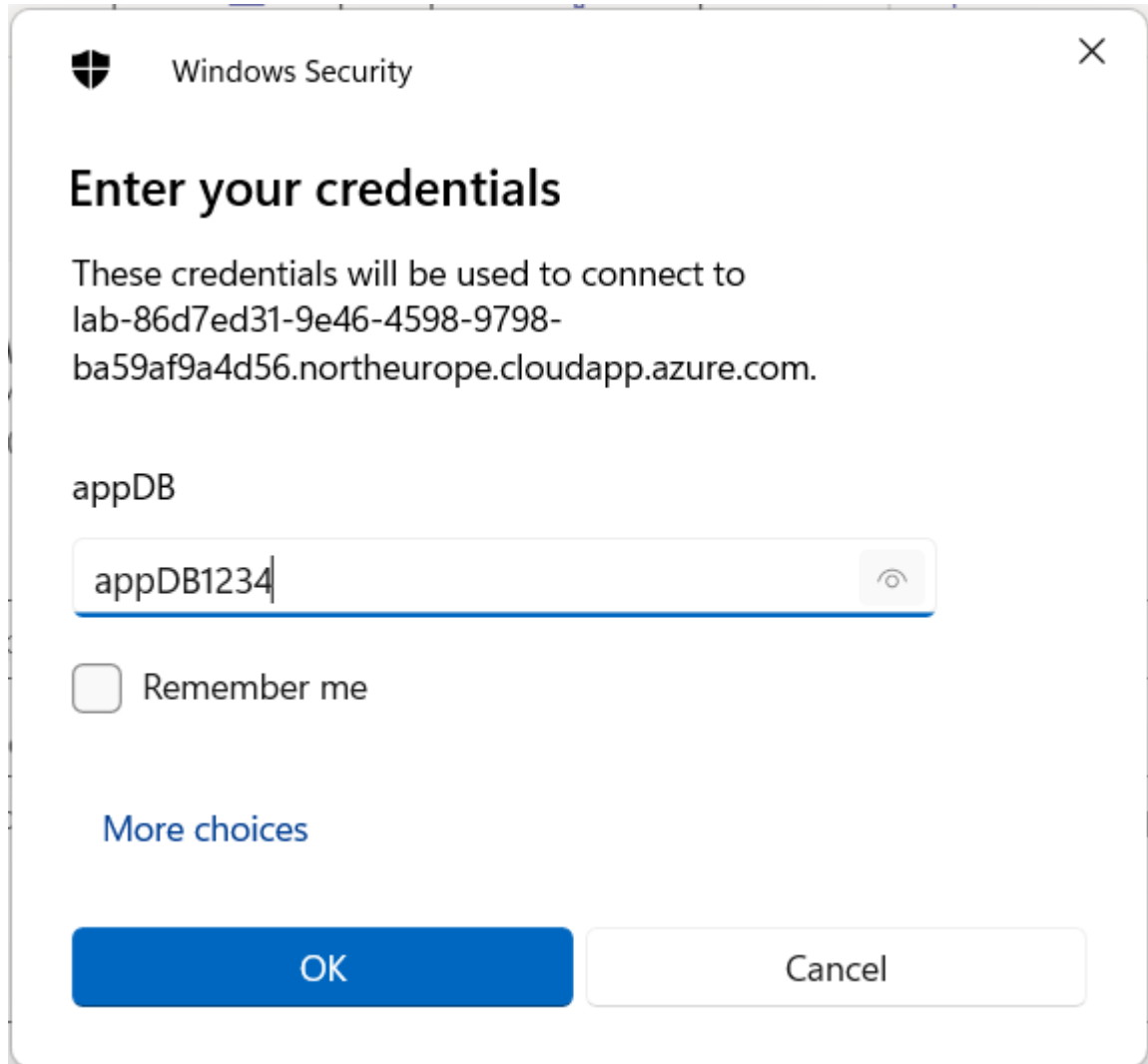
- ...and download RDP (Remote Desktop Protocol) file.



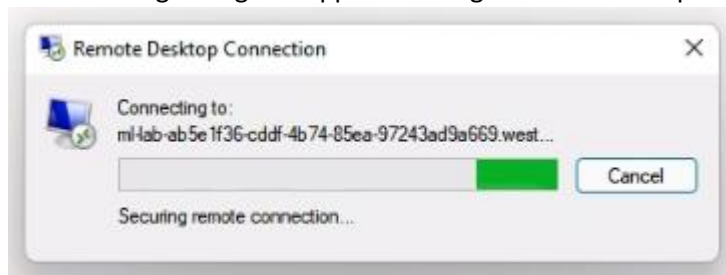
- Double-click on the downloaded RDP file to run it.  
(If you are using an operating system other than Windows you may have to install extra apps/software to run RDP files. E.g., on MAC you need to install *Microsoft Remote Desktop* app.)
- Click *Connect*.



- Enter password *appDB1234* and press *OK*.



- The following dialog box appears during the connection process:

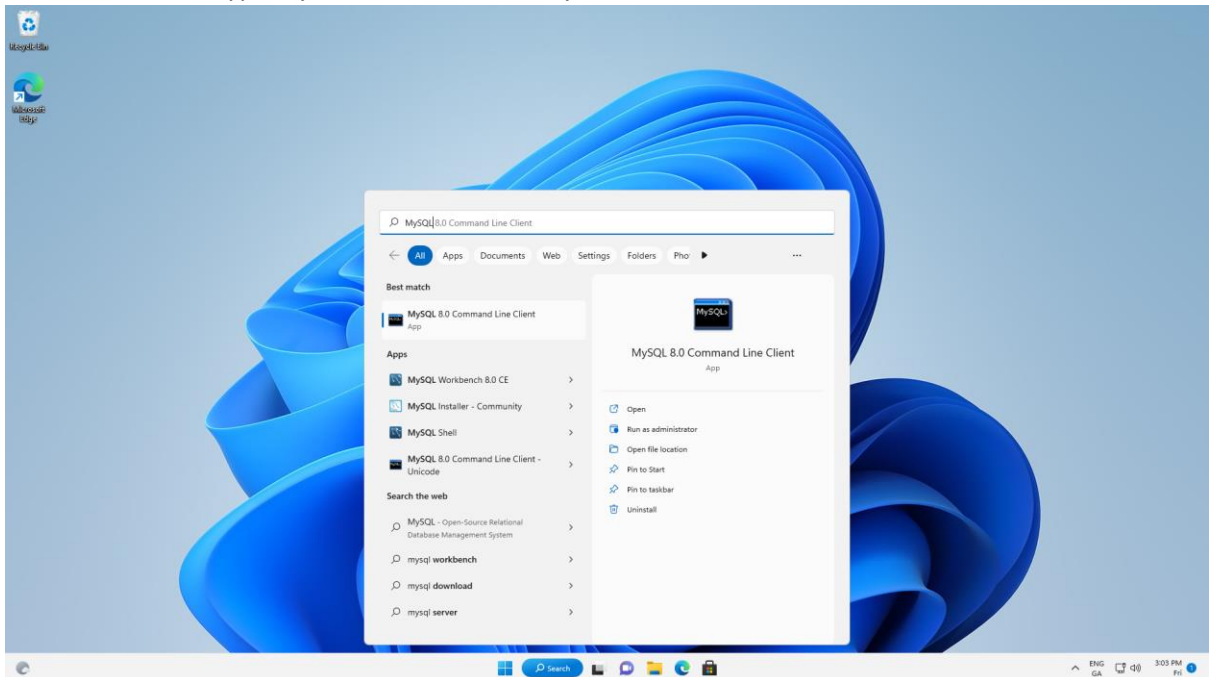


- Finally, click Yes to complete the connection process:

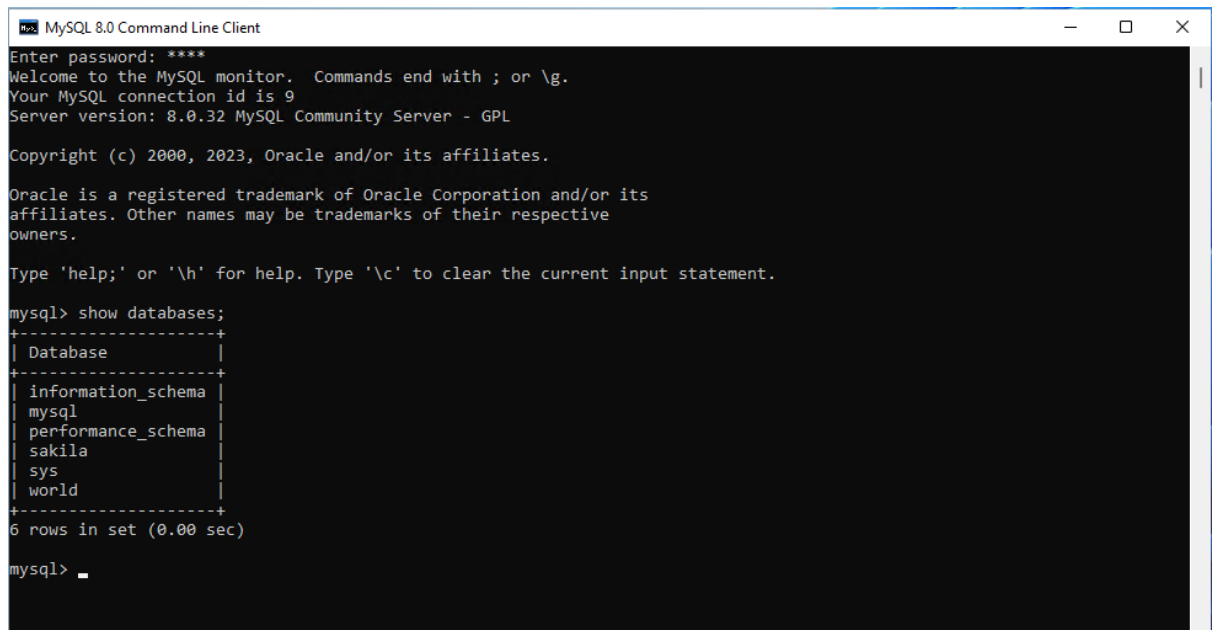


- You are now logged into your VM.

In the search box type *MySQL* and select the *MySQL 8.0 Command Line Client*.



- Enter the password *root* and press enter. Now type the command `show databases;` and press enter. This will show you the initial databases managed by MySQL.



```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.32 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql       |
| performance_schema |
| sakila      |
| sys         |
| world       |
+-----+
6 rows in set (0.00 sec)

mysql> _
```

- Next week we'll start using MySQL.