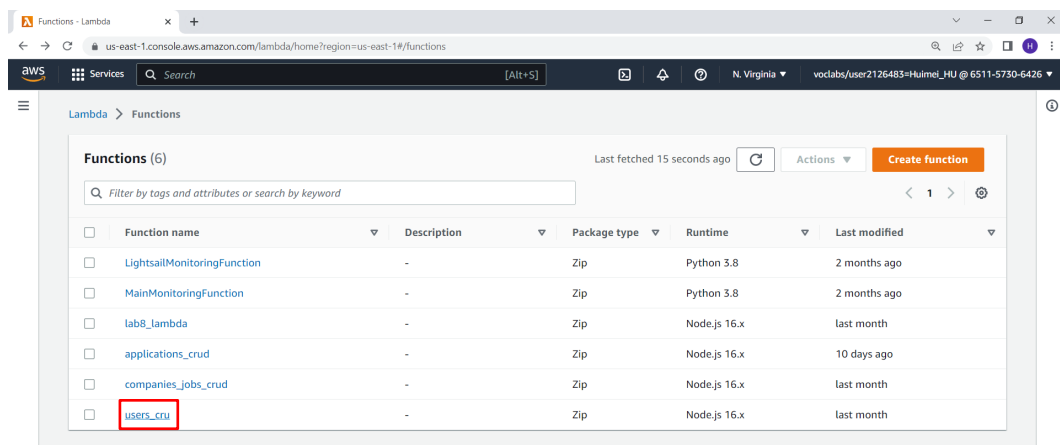School of Informatics & IT
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AWS Services – Export Instructions

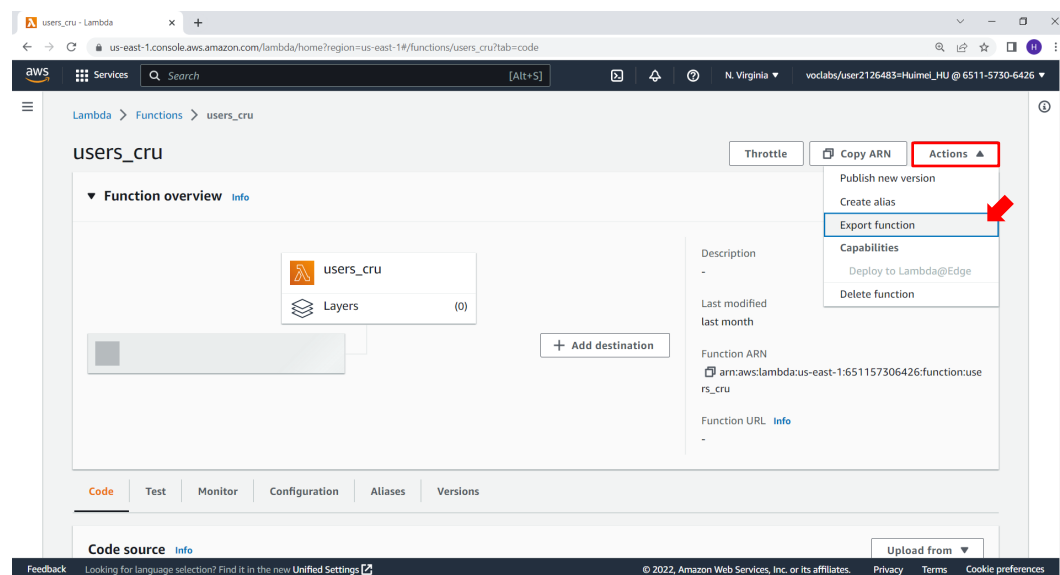In this lab sheet, we will cover the instructions to complete the following:
- Export Lambda Functions
- Export HTTP API from API Gateway
- Export DynamoDB tables
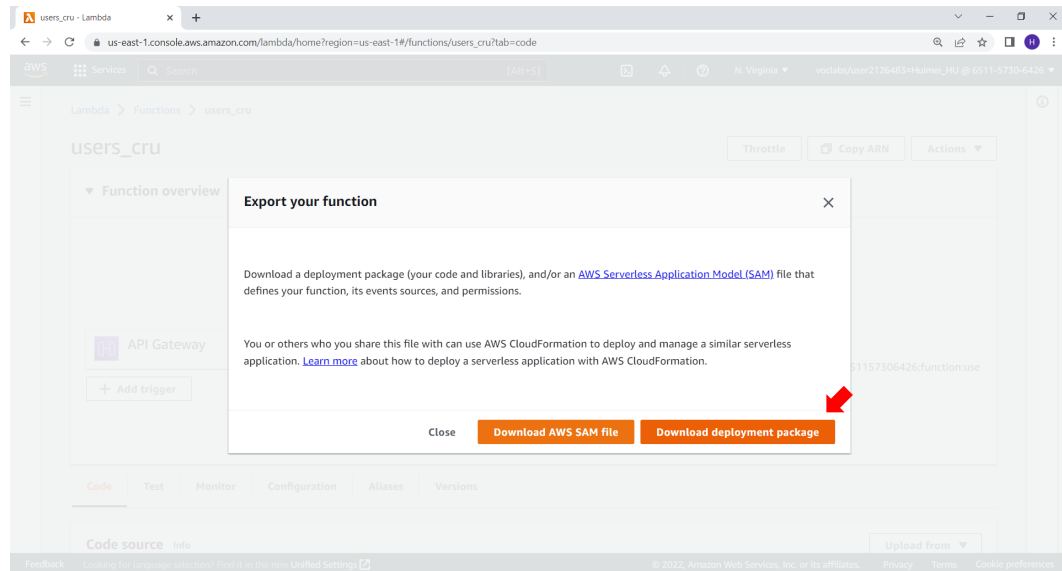- Export RDS – MySQL

A. Export Lambda Functions

1. Navigate to **Lambda**. In the Console Home screen, click on **Services → Compute → Lambda**.

2. In the **Functions** screen, click on the function that you wish to export. In this example, we will export users_cru. Therefore, click on **users_cru.**

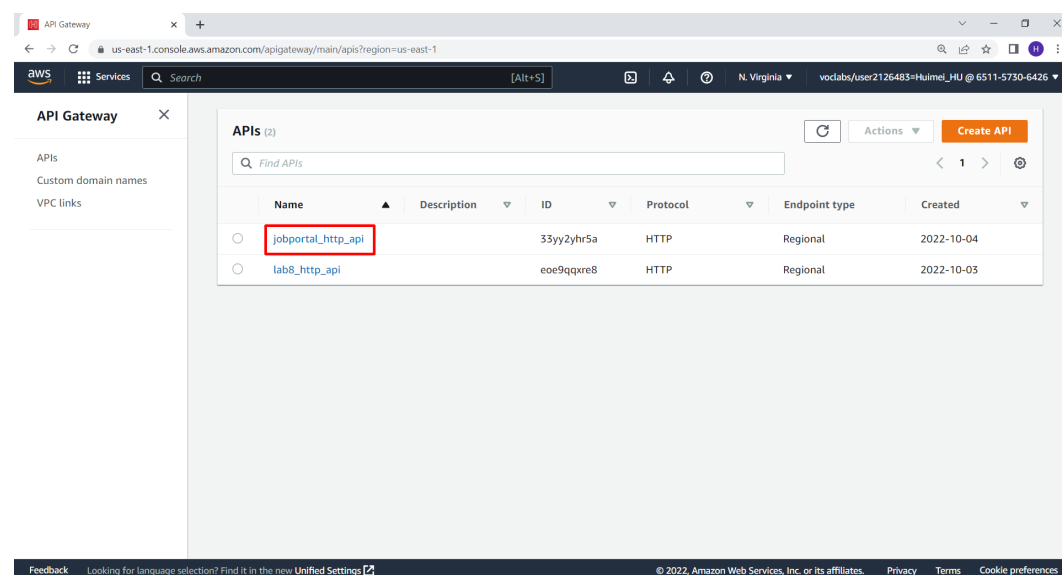3. Click on **Actions** and select **Export function**.
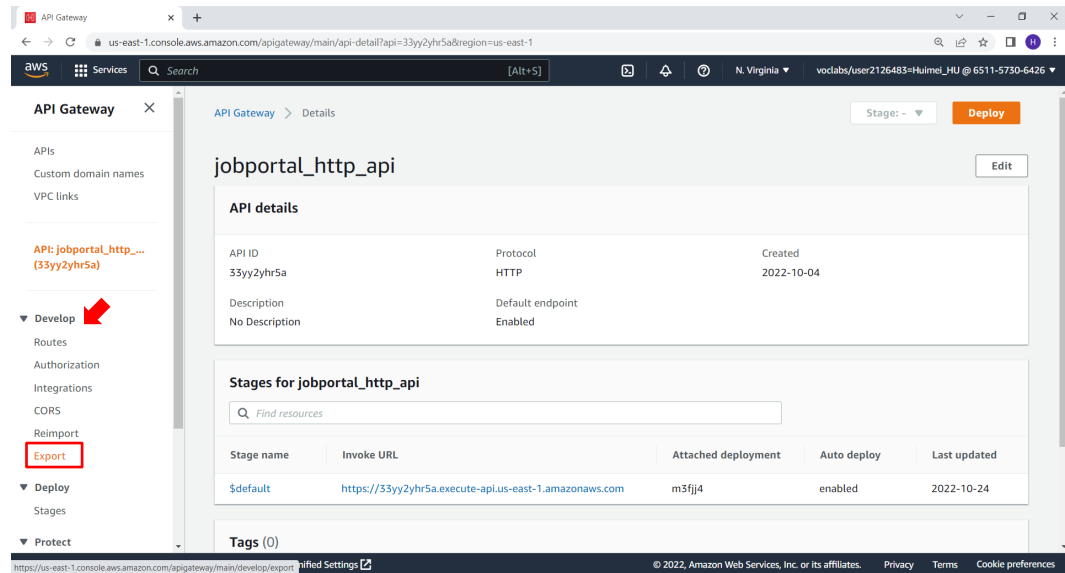
4. Select **Download deployment package**.

5. Repeat the above steps for every Lambda function.

B. Export HTTP API from API Gateway

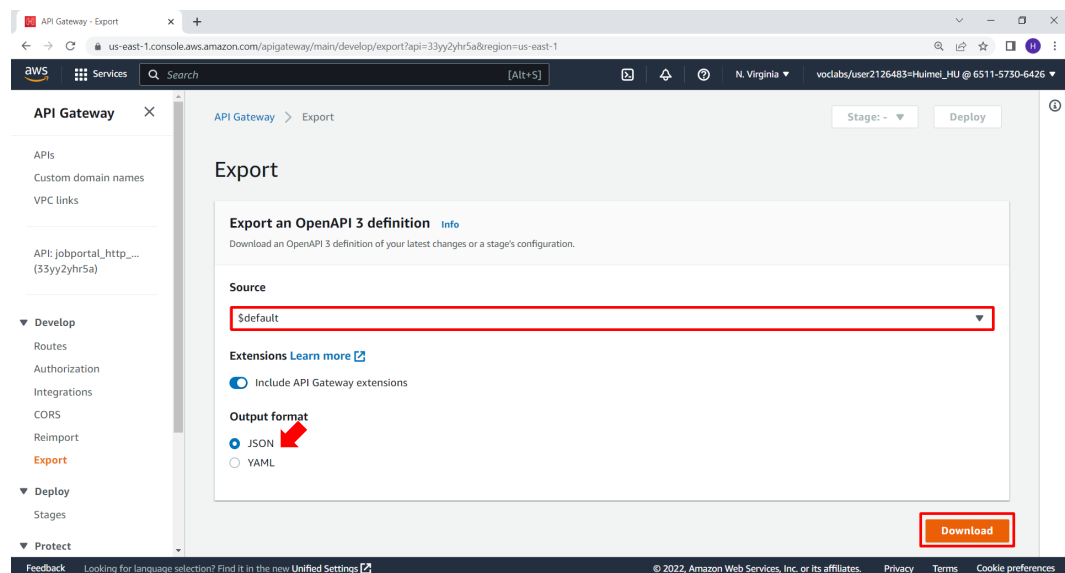1. Navigate to **API Gateway**. In the Console Home screen, click on **Services → Networking and Content Delivery → API Gateway**.

2. In the **APIs** screen, click on the API that you wish to export. In this example, we will export jobportal_http_api. Therefore, click on **jobportal_http_api.**

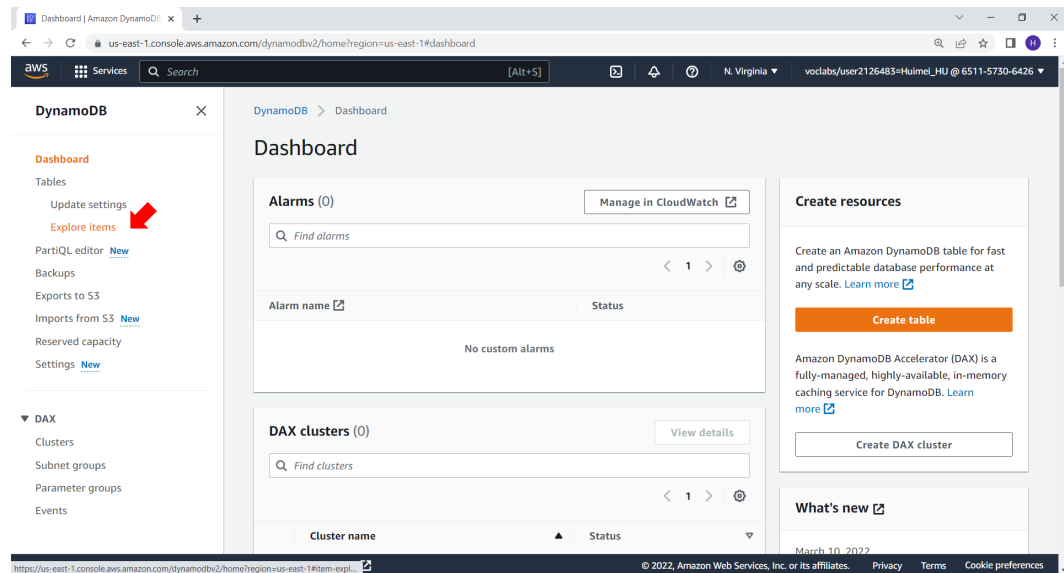3. In the **Develop** section on the left, click on **Export**.

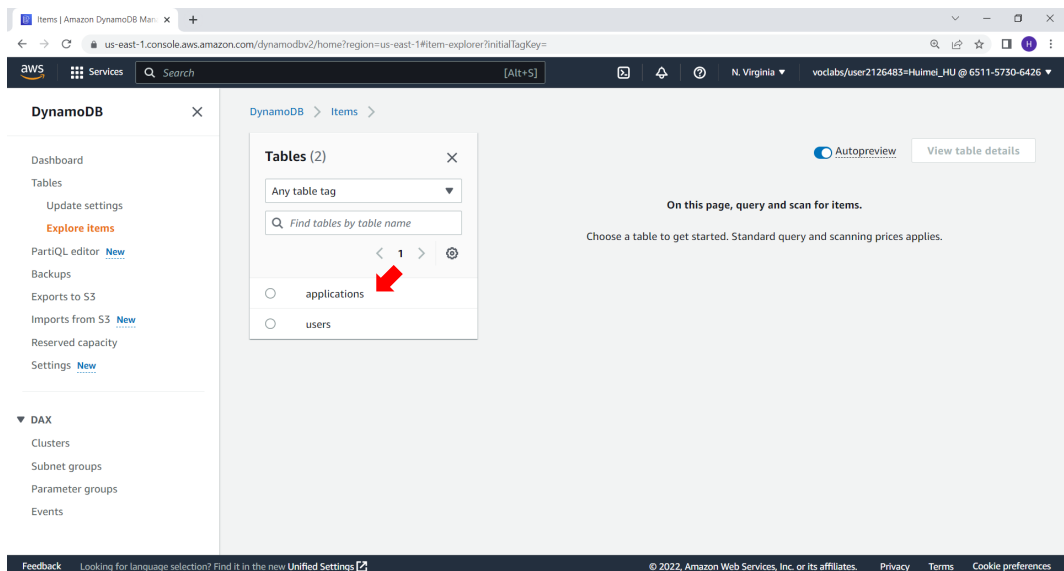4. In the **Source** dropdownlist, select **$default** and choose the **Output format** as **JSON**.

Click on **Download**.

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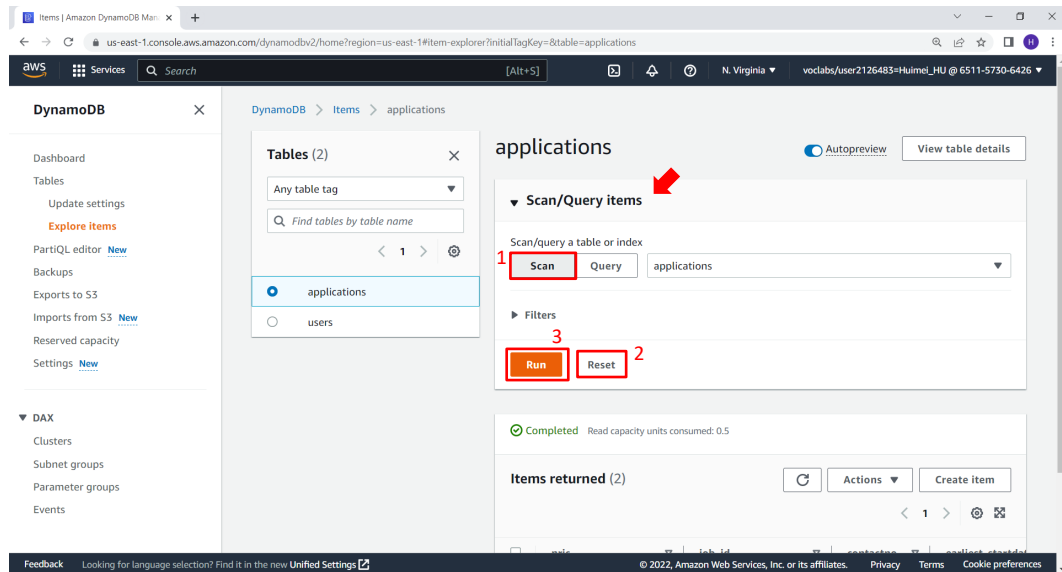TEMASEK POLYTECHNIC

C. Export DynamoDB Tables

1. Navigate to **DynamoDB**. In the Console Home screen, click on **Services** → **Databases** → **DynamoDB**.

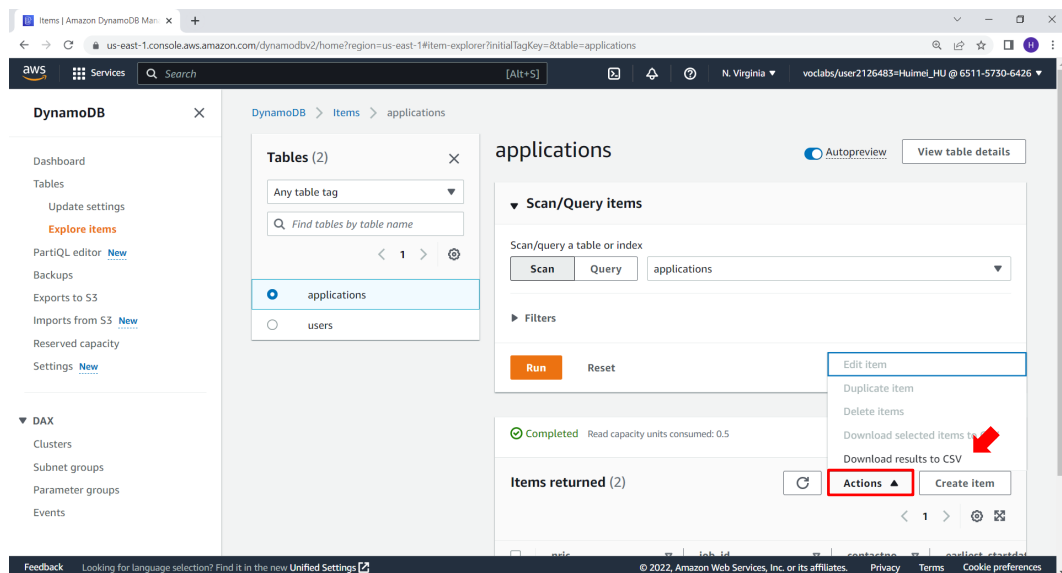2. In the **Dashboard** screen, click on the **Explore items.**

5. Click on the DynamoDB table that you wish to export. In this example, we will export applications. Therefore, click on **applications**.

6.   Expand the **Scan/Query** section on the left, click on **Scan**, **Reset** and **Run** to clear away existing filters and retrieve all items.
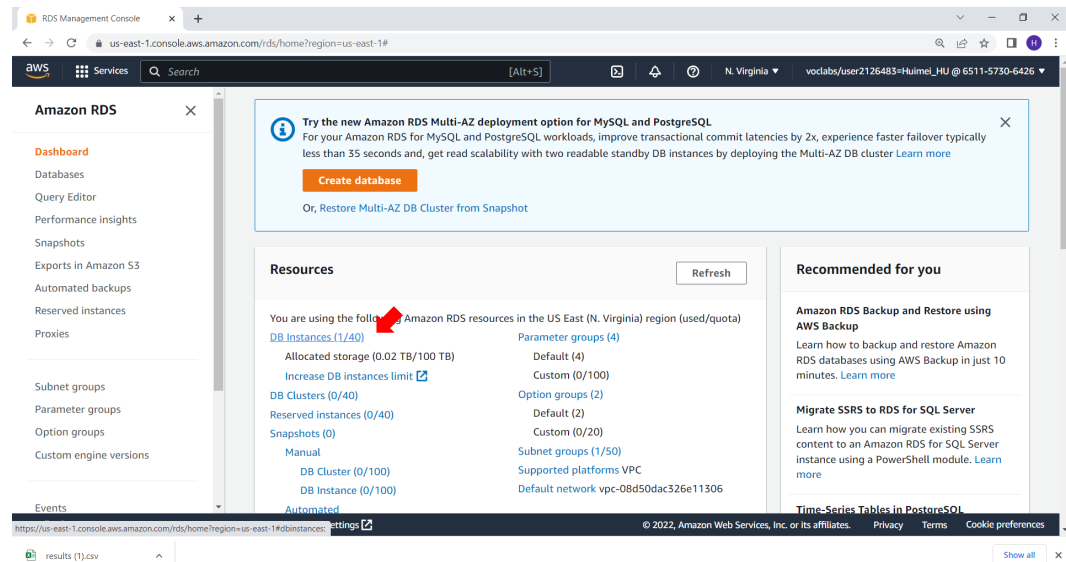

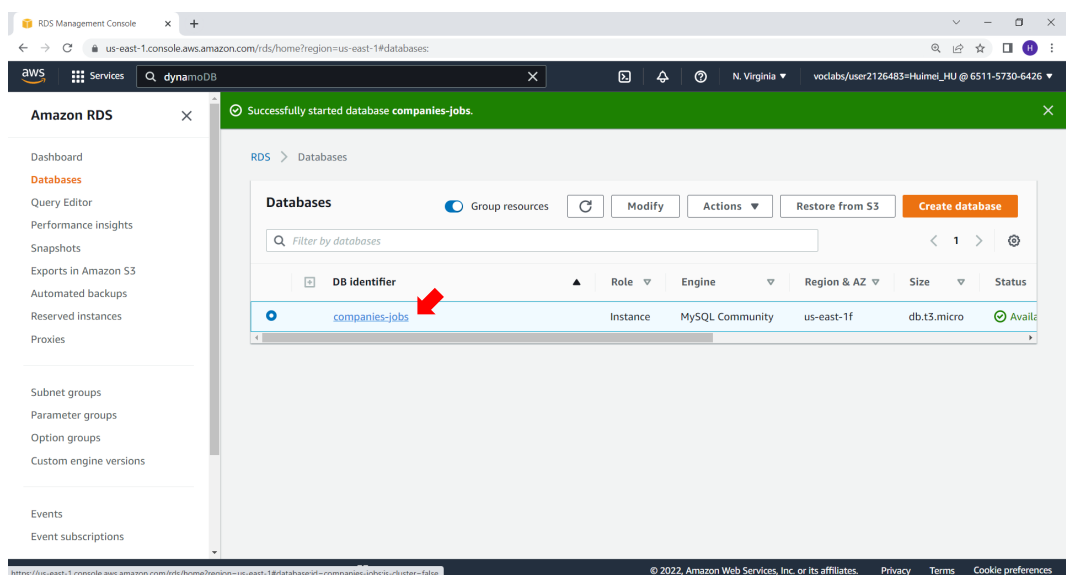7.   In the **Items returned** section, click on **Actions** and select **Download results to CSV**.

Rename the .csv file as your table name.

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D. Export RDS - MySQL
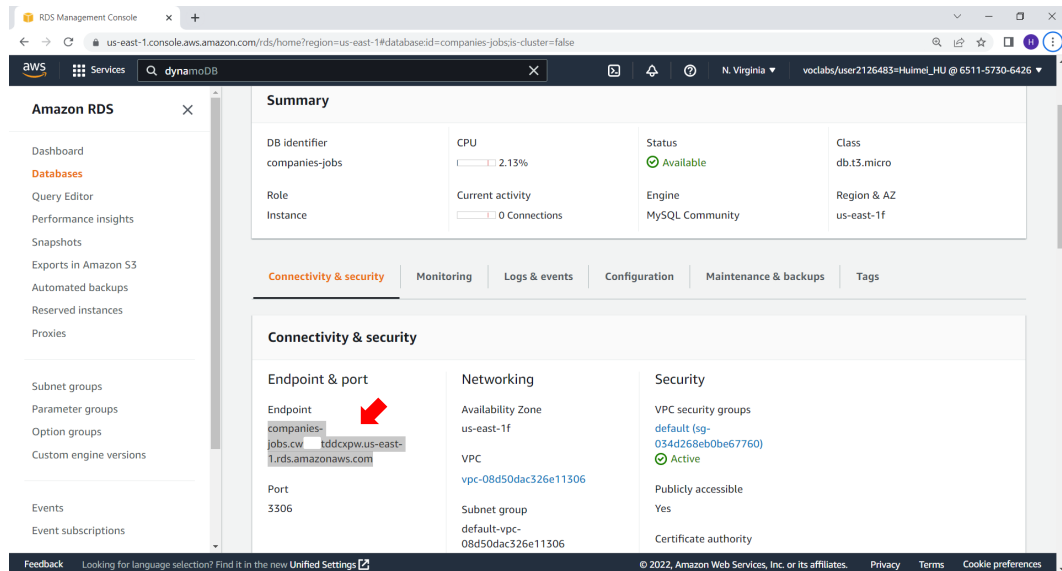
1. Navigate to **RDS**. In the Console Home screen, click on **Services → Databases → RDS**.

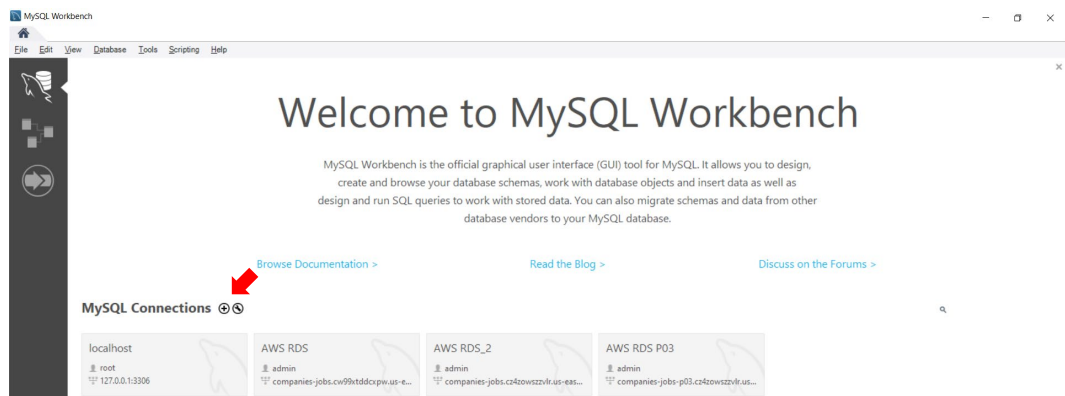2. In the **Dashboard** screen, click on the **DB Instances.**

3. Click on the DB instance that you wish to export. In this example, we will export companies-jobs. Therefore, click on **companies-jobs**.
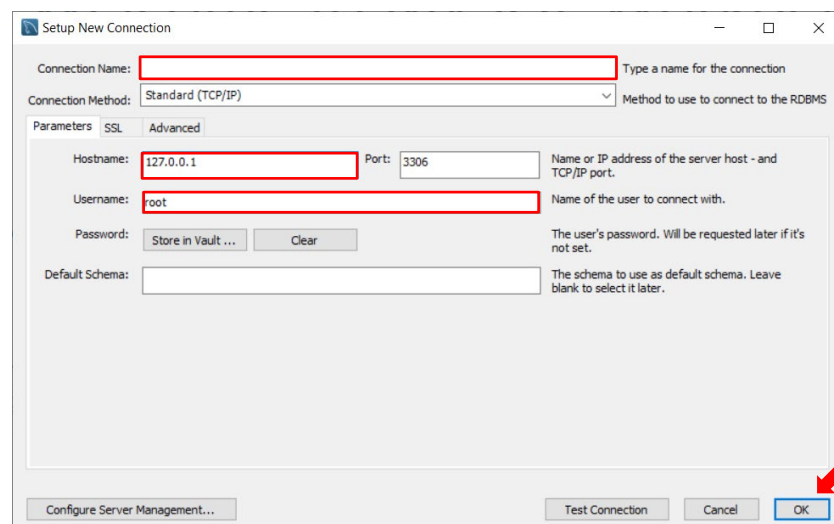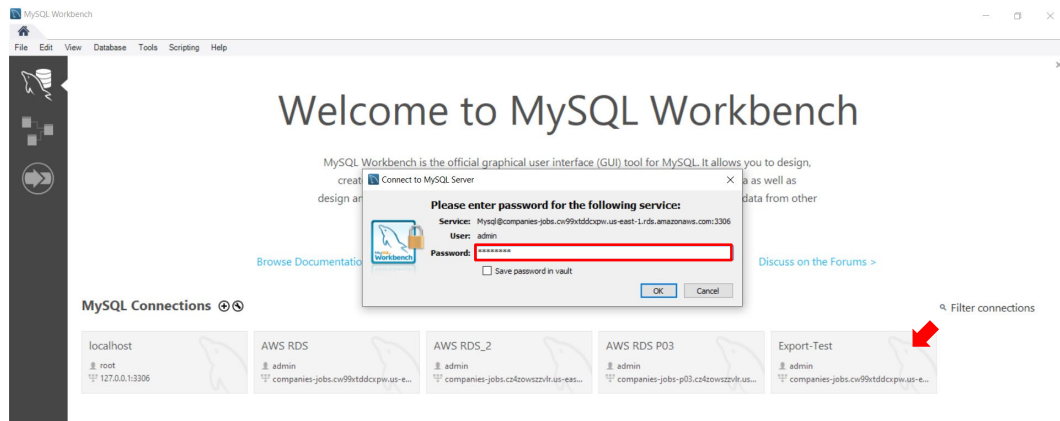
4. Copy the **Endpoint** address.

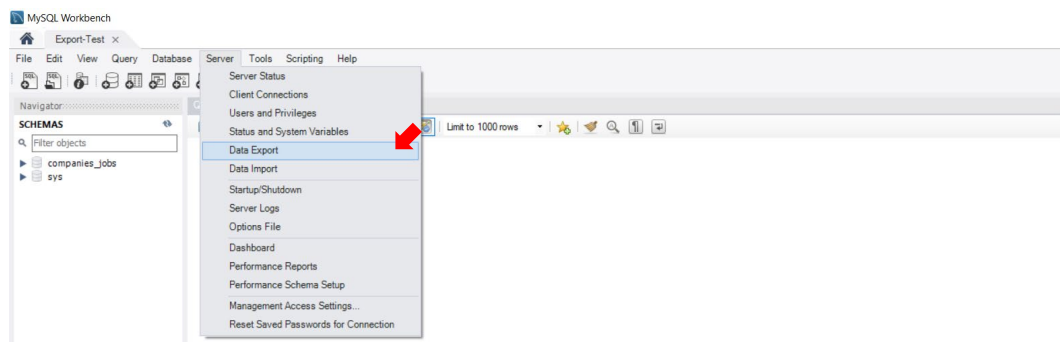5. Open **MySQL Workbench**. Create a new connection by clicking on the **plus** icon.

6. Enter a **Connection Name**. Specify the **Hostname** (Endpoint) and **Username**. Click on **OK**.
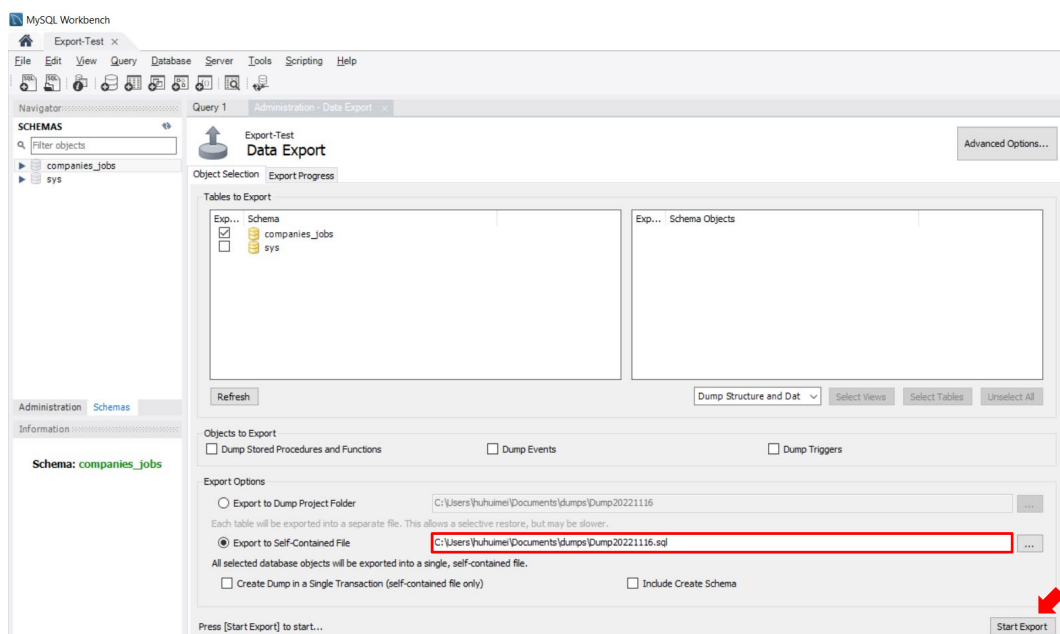
7. Double-click on the newly added connection. Enter the **password** and click on **OK**.

8. Select **Server → Data Export**.

9. In the **Data Export** screen, select the **schema** to export. Select **Export to Self-Contained File** and click on **Start Export**. Take note of the directory where the SQL script will be exported to.

<u>End of Export Instructions</u>