**Report On challenges Faced**

**1. Logging Issue:**

**Challenge:**

Attempted to log in to the server using SSMS and to ping the server via CMD prompt, but couldn't log in.

**How to Resolve:**

Logged in through SQL Workbench successfully.

**2. SQL Commands Issue:**

**Challenge:**

Error Code 1175: Encountered safe update mode error when running the following command:

**SQL Command:**

update patients set allergies='NKA' where allergies='' or allergies is null;

**How to Resolve:**

Disabled safe update mode by:

\* Navigating to Edit -> Preferences -> SQL Editor.

\* Unchecking the "Safe Updates" box (rejects UPDATEs and DELETEs with no restrictions).

\* Reconnecting to the server.

**Syntax Errors:**

**Issues:** Incorrect column names, table names, and GROUP BY keyword syntax errors encountered.

**How to Resolve:** Corrected table and column names based on error messages.

**3.Docker Image Error Report**

**Challenge:**

\* MySQL Workbench and Docker Container Connection: Successfully established a connection between MySQL Workbench and the Docker container.

\* **Database Visibility:** After using docker commit to create an image, the new container didn’t show the database.

**Resolution Steps:**

* **Research and Dockerfile:** Conducted research and created a Dockerfile to ensure database creation.
* **Database Creation:** Successfully created the database using the Dockerfile.