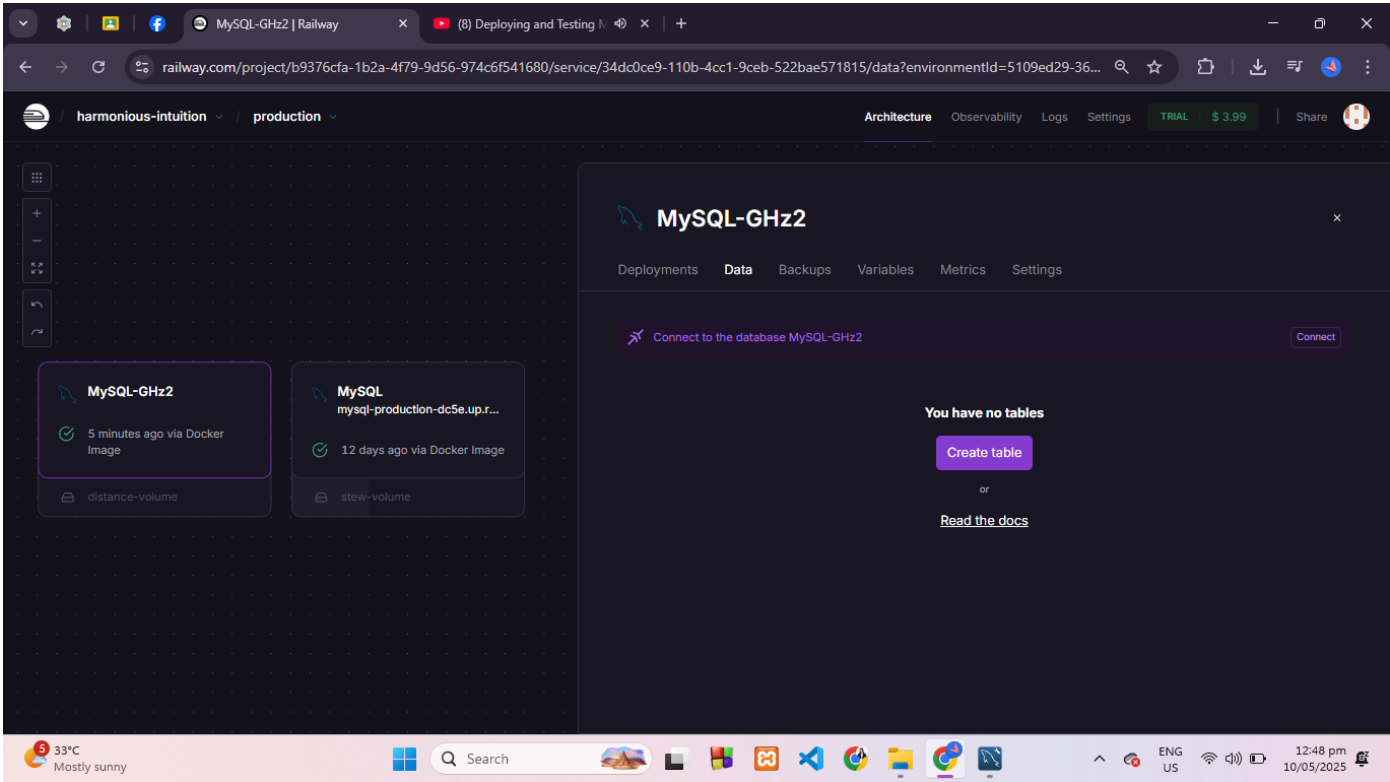
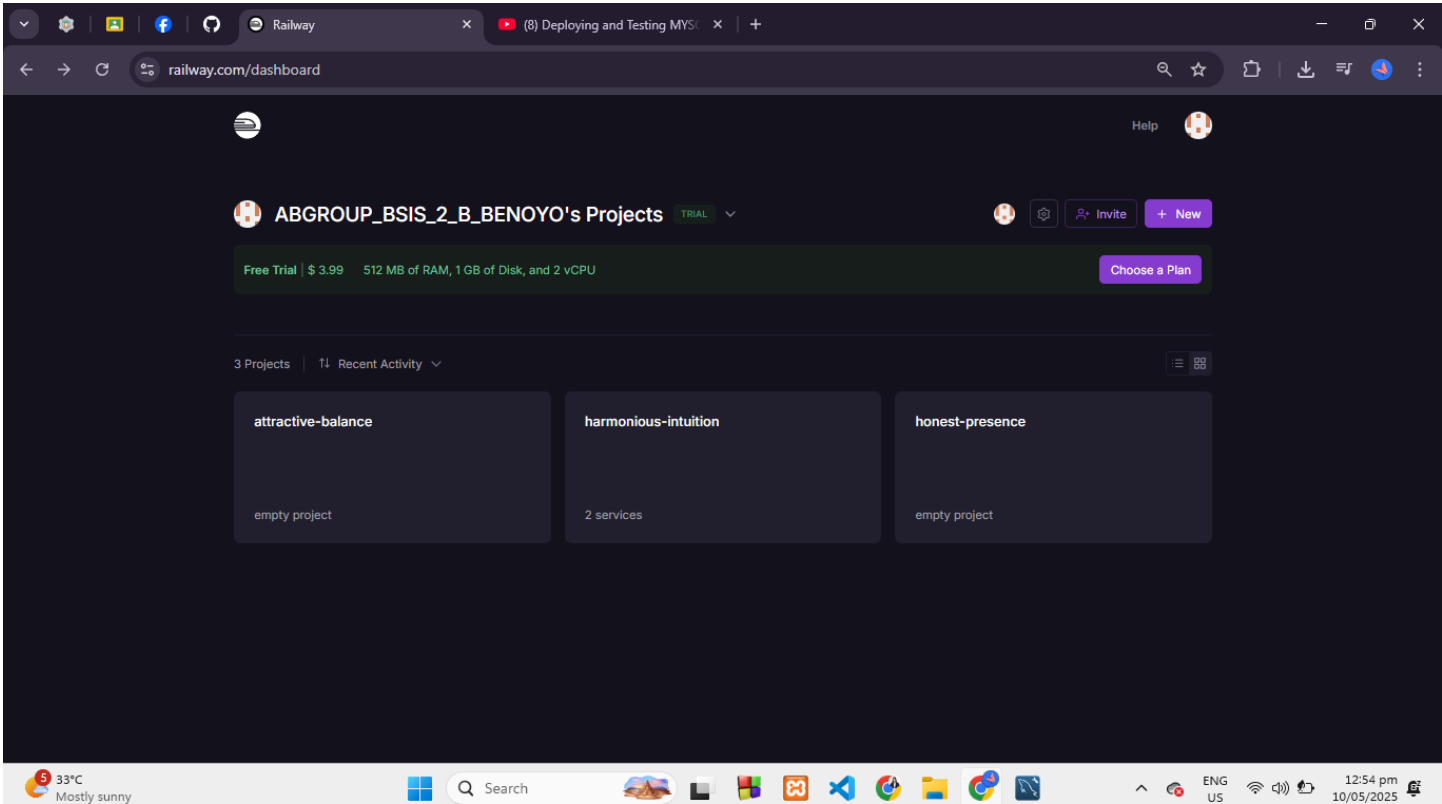


# DOCUMENTATION OF RAILWAY DEPLOYMENT

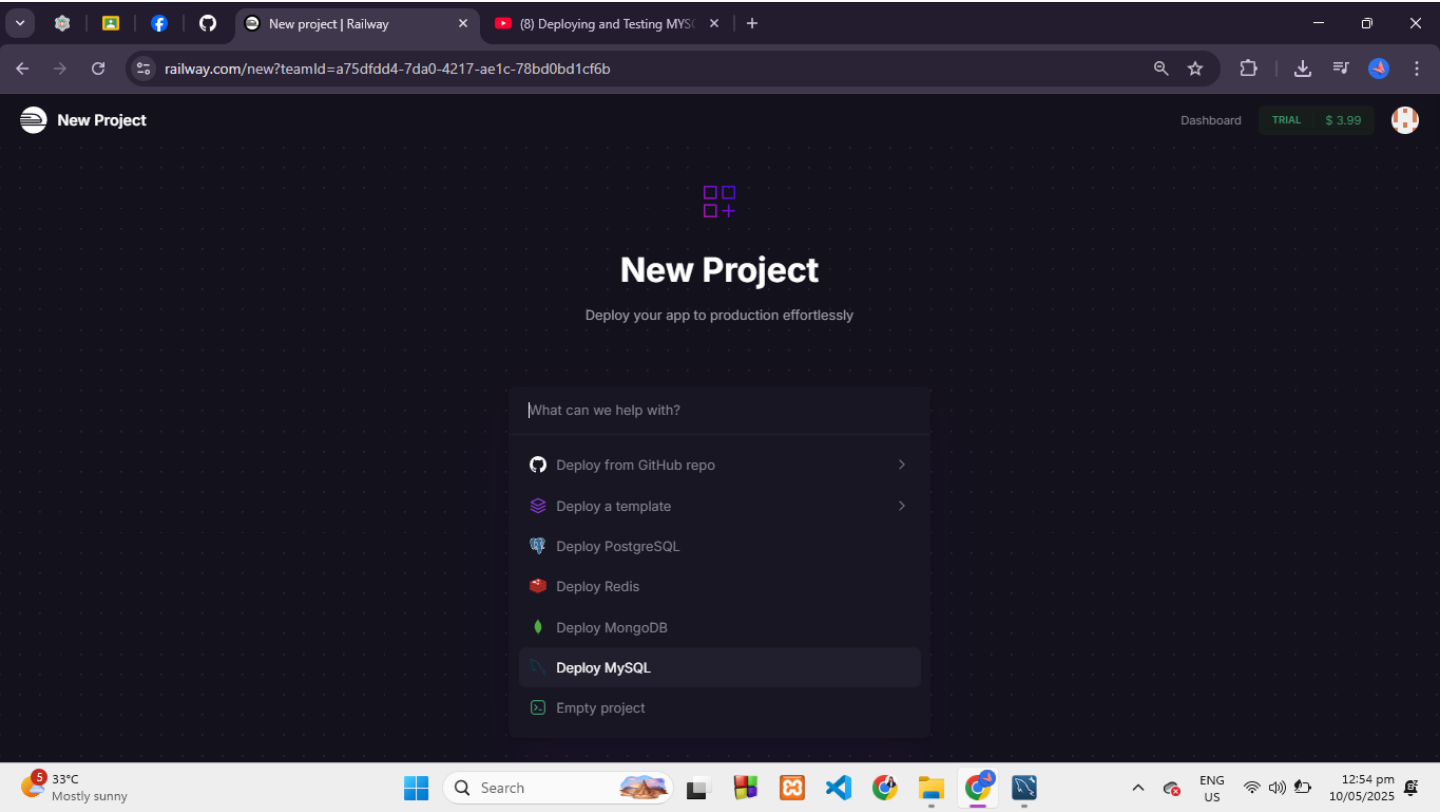
By: Lovely Irish R. Benoyo



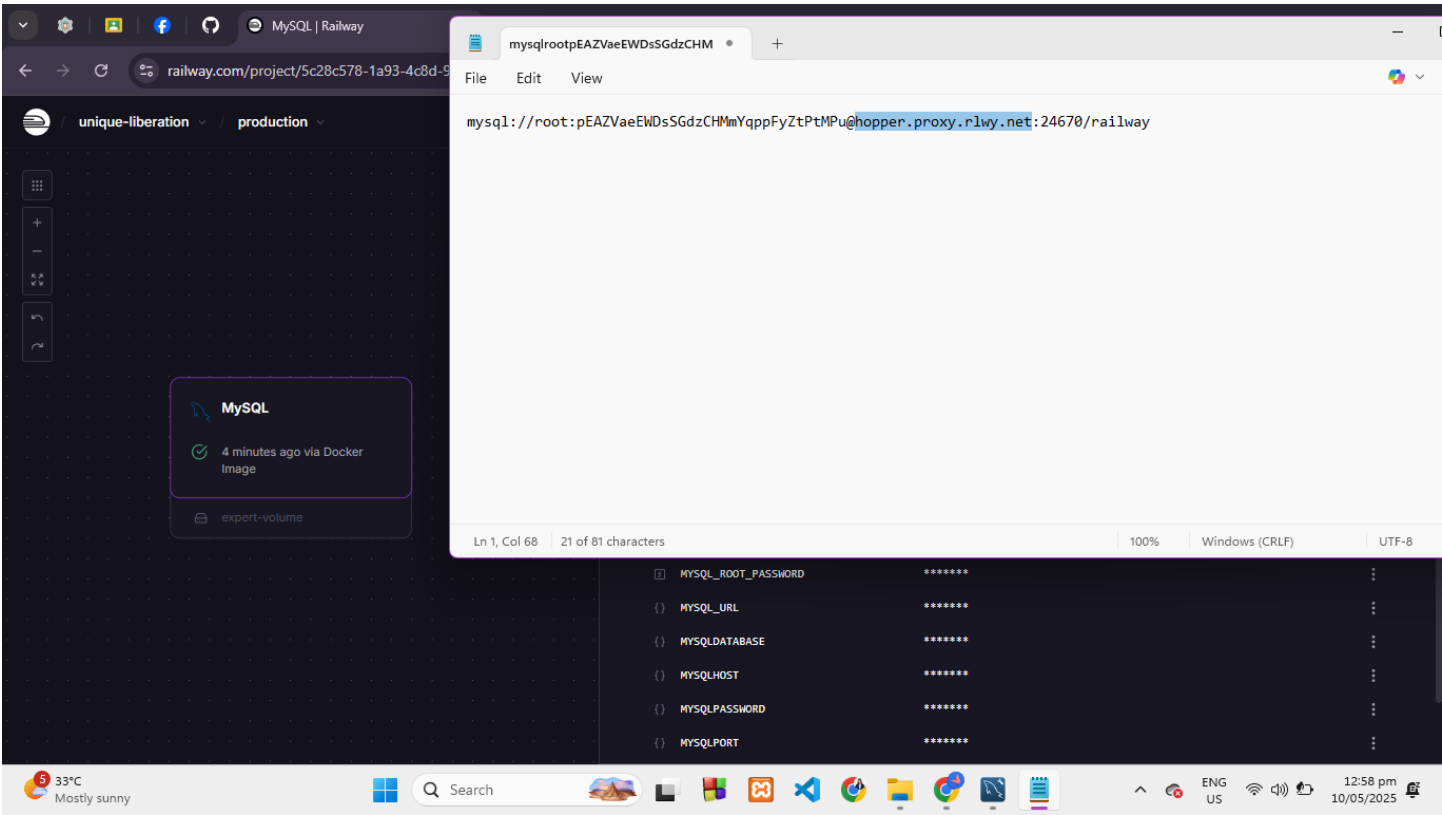
The photo above shows the Railway dashboard showing the project name “MySQL-GHz2” this project is my first attempt on exploring how to deploy railway to MySQL Workbench.



These are my previous attempt in Railway.com

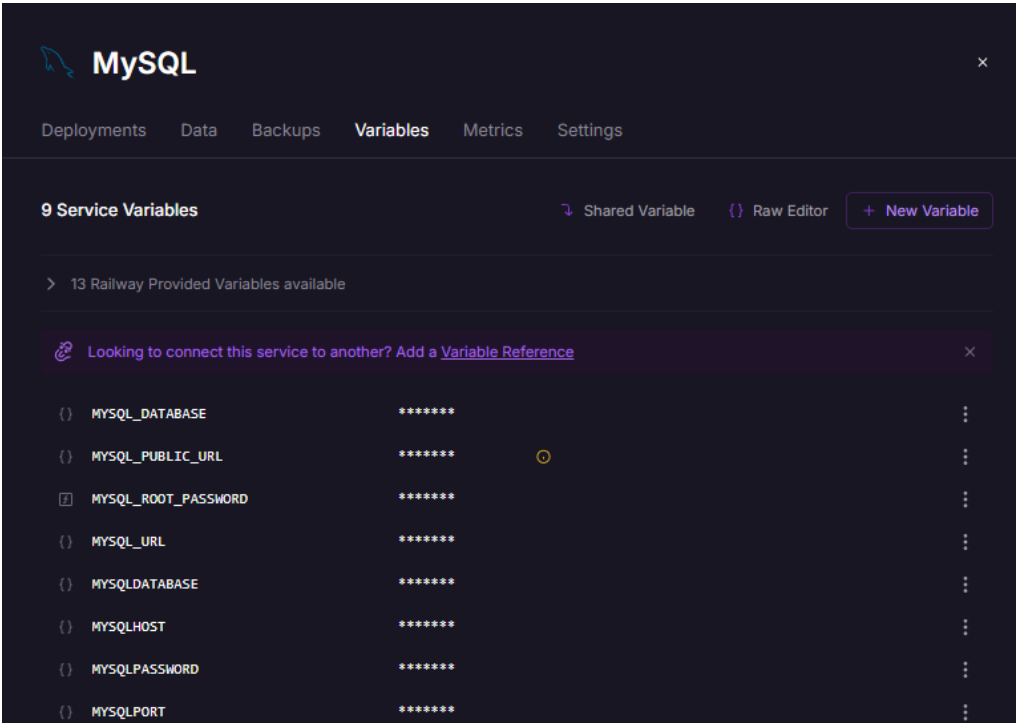


Deploying the MySQL workbench by choosing “ Deploy MySQL”

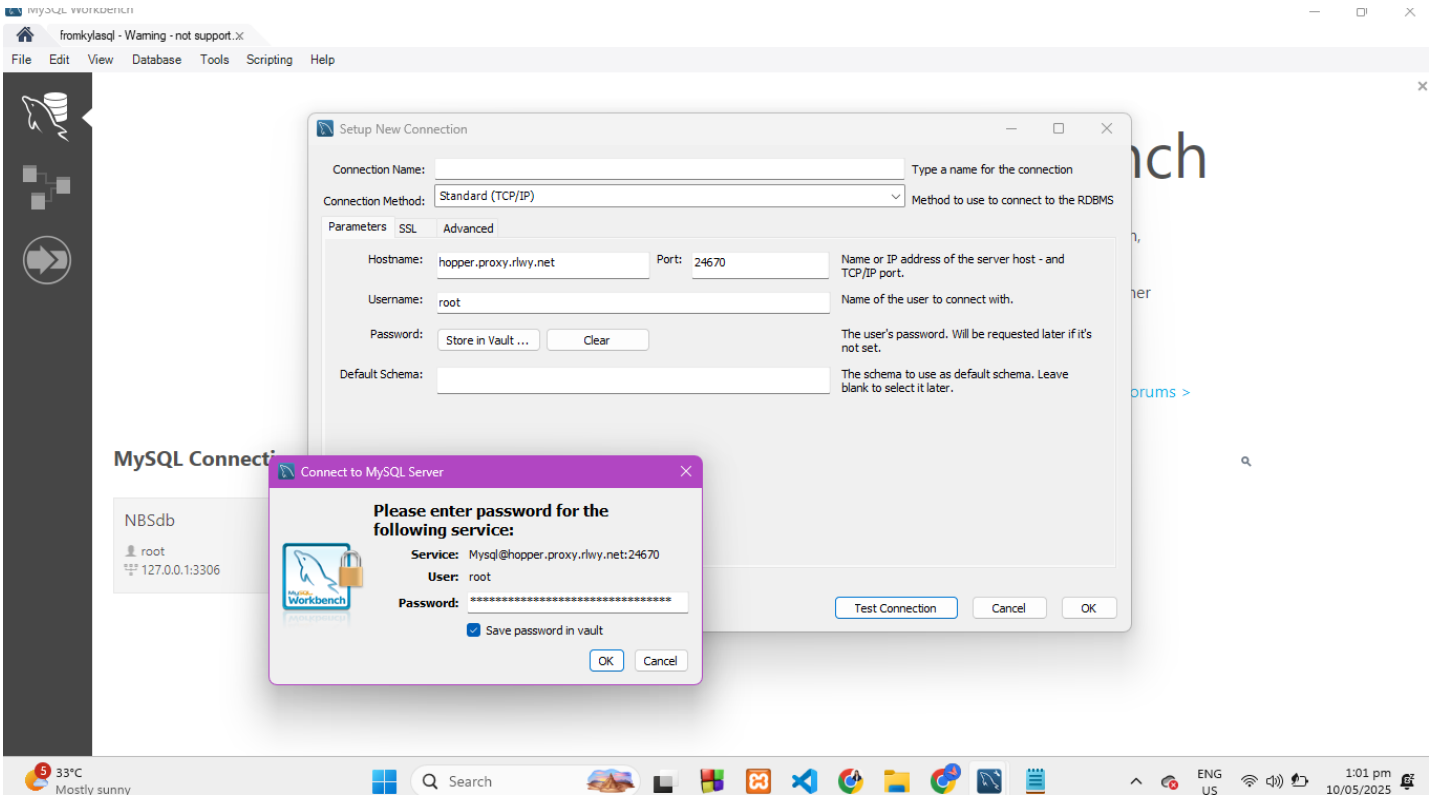


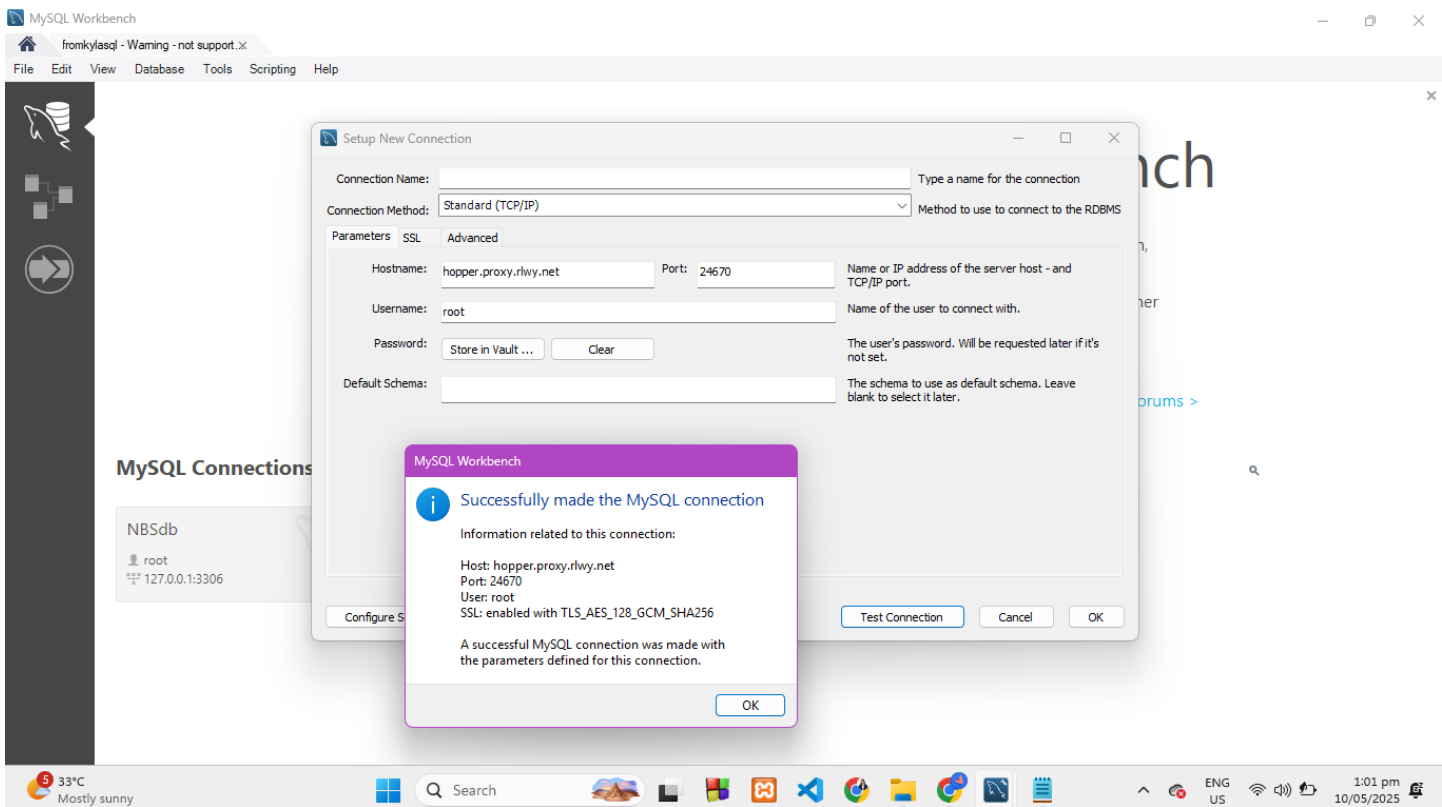
The photo above was when I navigate into the Variables button and the I copy and paste the “MYSQL\_PUBLIC\_URL” into the Notepad because the copied data will be use in creating connection in the MySQL Workbench later on. Attached below is how it actually is when you are navigating it, it shows the connection string for MySQL, demonstrating how to form the URL using

user credentials and database information & also the lists of various environmental variables like MYSQL\_ROOT\_PASSWORD, MYSQL\_URL, and others.

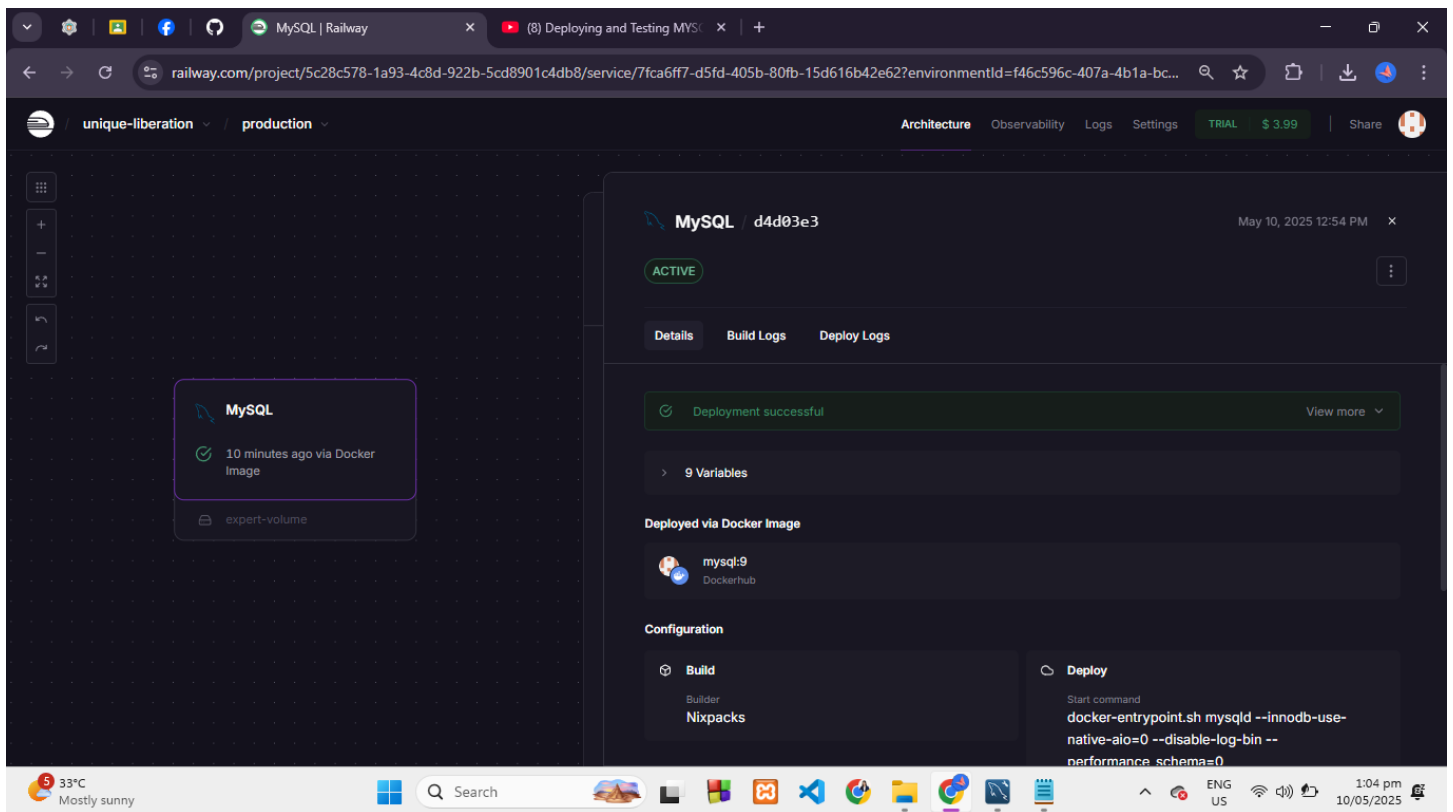


The photo below is where the URL is used, from the notepad I copy & paste the Hostname and the port into the MySQL Workbench. The password is also included in the URL

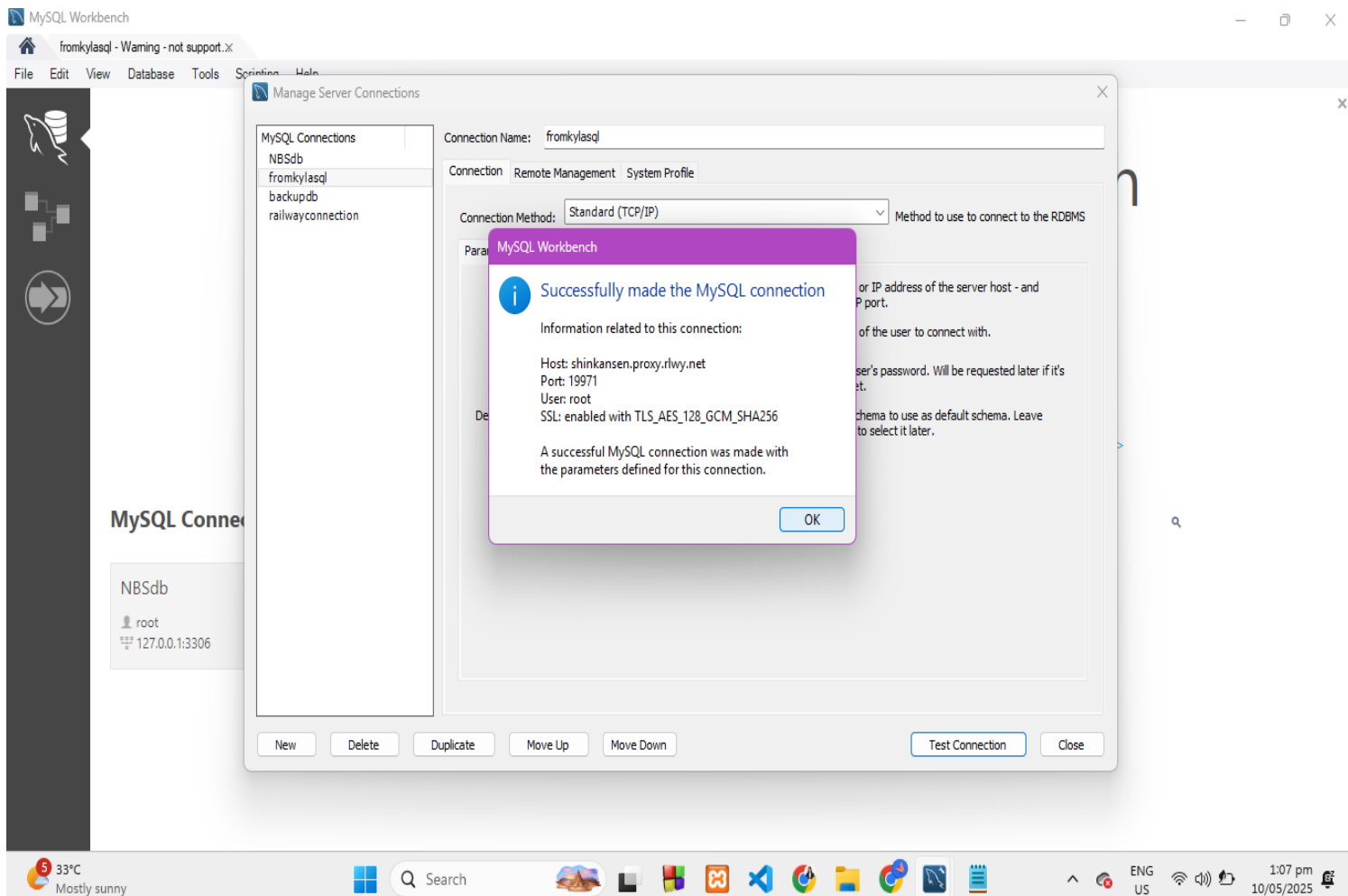




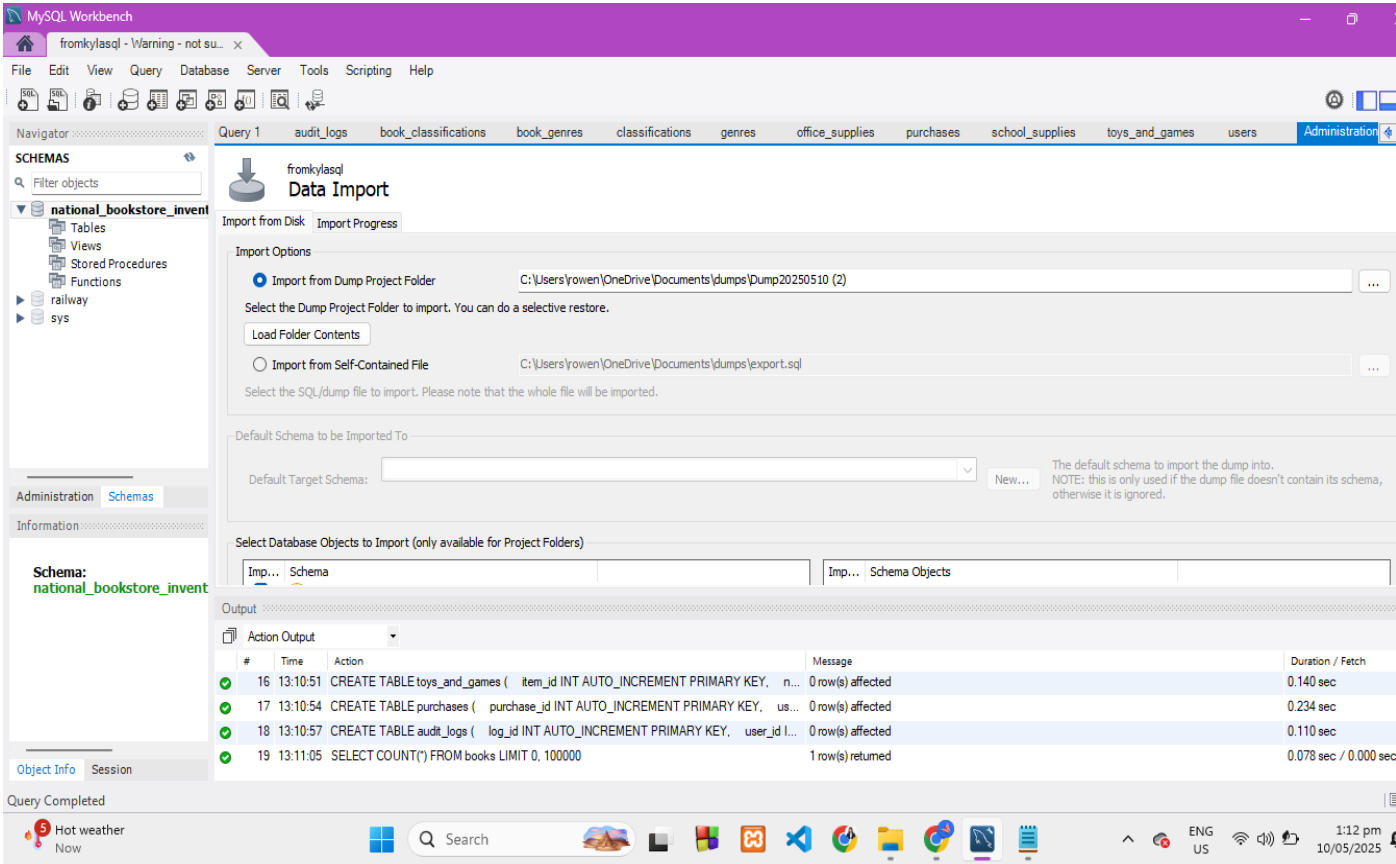
This is where I tested the MySQL Connection using the Port & Hostname in Railway. It shows “Successfully made the MySQL Connection”



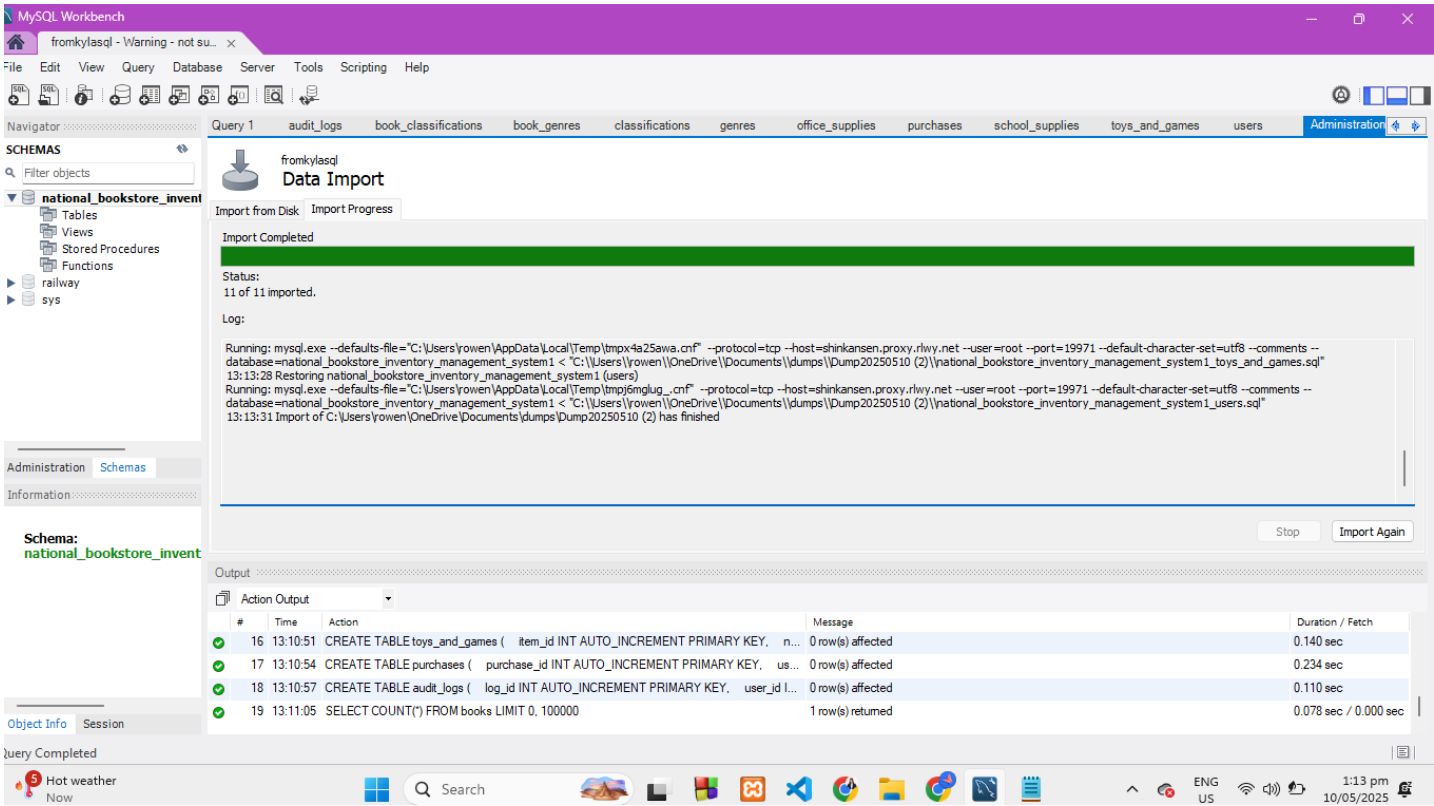
The photo above shows the Railway interface confirming the successful deployment of the MySQL database using a Docker image and also displays the deployment time and status.



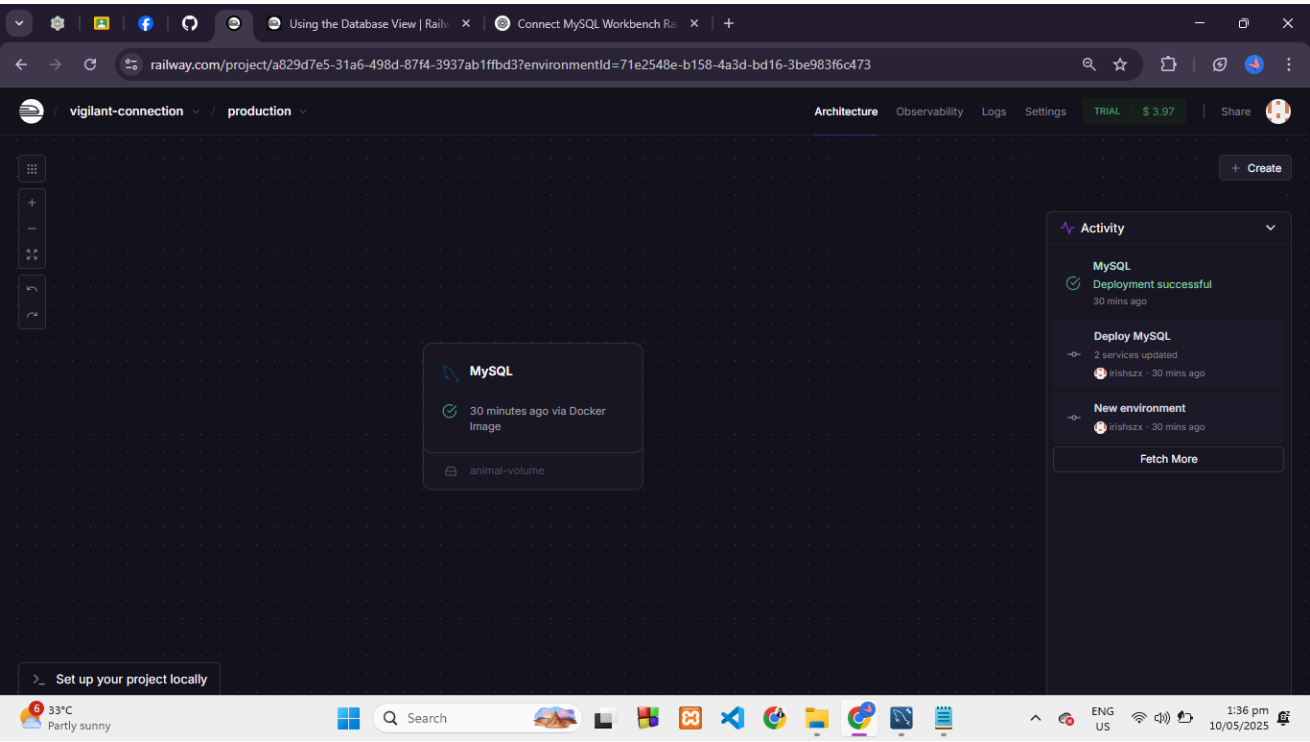
I tried to connect the connection from the railway into the existing connection I made in MySQL workbench where the Inventory System is, the file is currently named as “fromkylasql” a verification message from MySQL Workbench also appeared again confirming successful connection parameters to a different MySQL instance. I also created another project in railway.com following the previous steps I made earlier connecting it to this new project which is I decided to be the final connection for the deployment of Railway into MySQL workbench.



The data from the existing connection named “fromkylasql” is now removed because I created a new connection connecting it to railway that’s way I imported the data from the dump file to this new connection.



The picture above serves as a proof of successfully importing the dump file into the new connection.



The picture above concludes an overview of the MySQL deployment in the Railway project interface indicating a successful deployment and provides an overview of services updated.