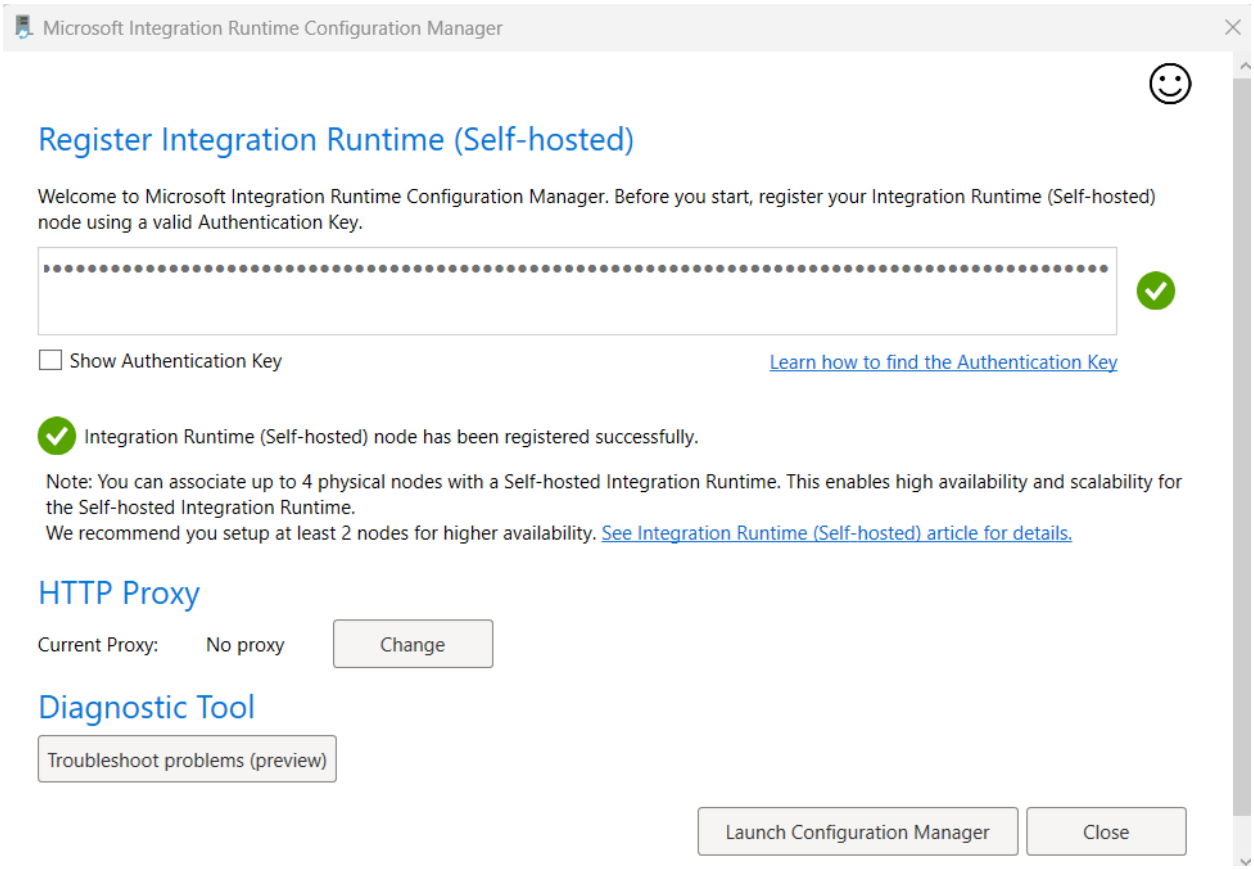
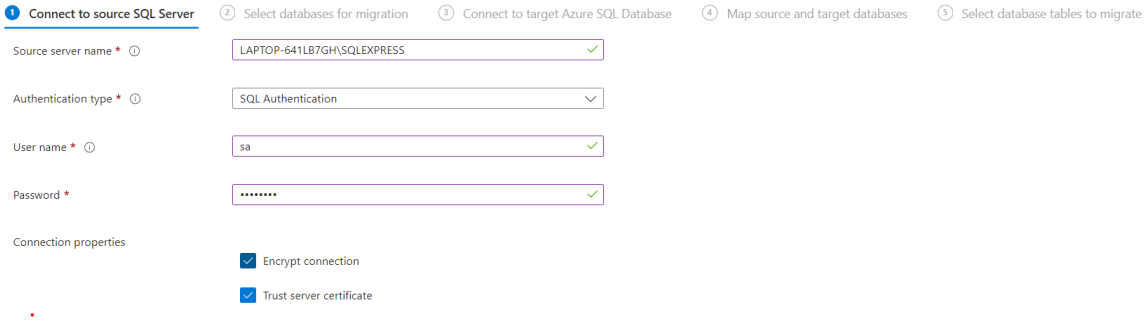
Started by creating a dummy on-premises database, utilizing a sample dataset such as the 'BikeStores' database for the project.

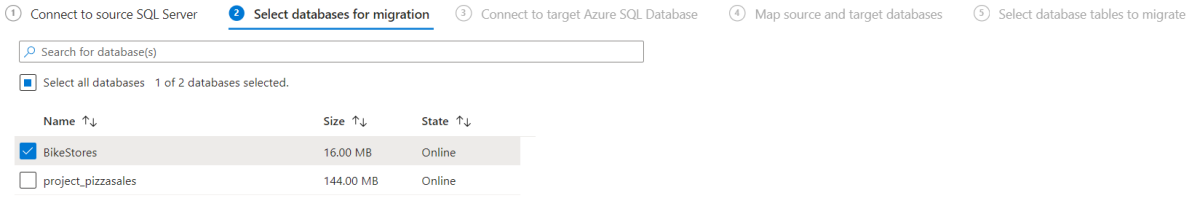
Configured a self-hosted integration runtime to establish a secure connection between our on-premises database and Azure SQL service.



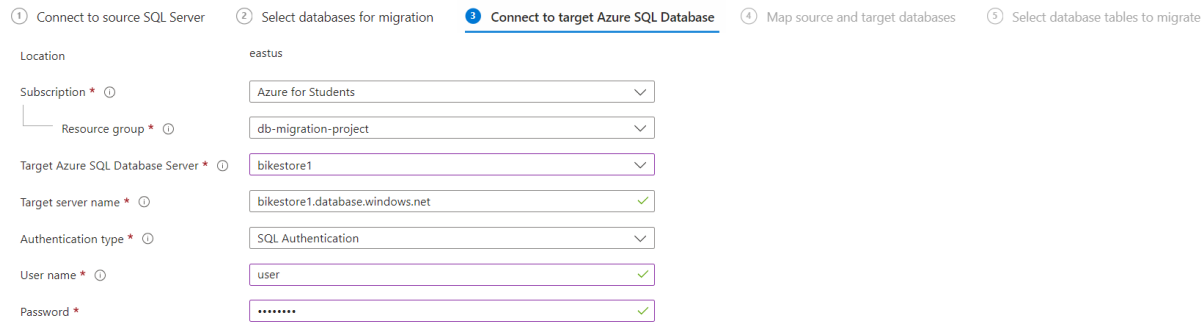
Connected to the source SQL Server to initiate the migration process.



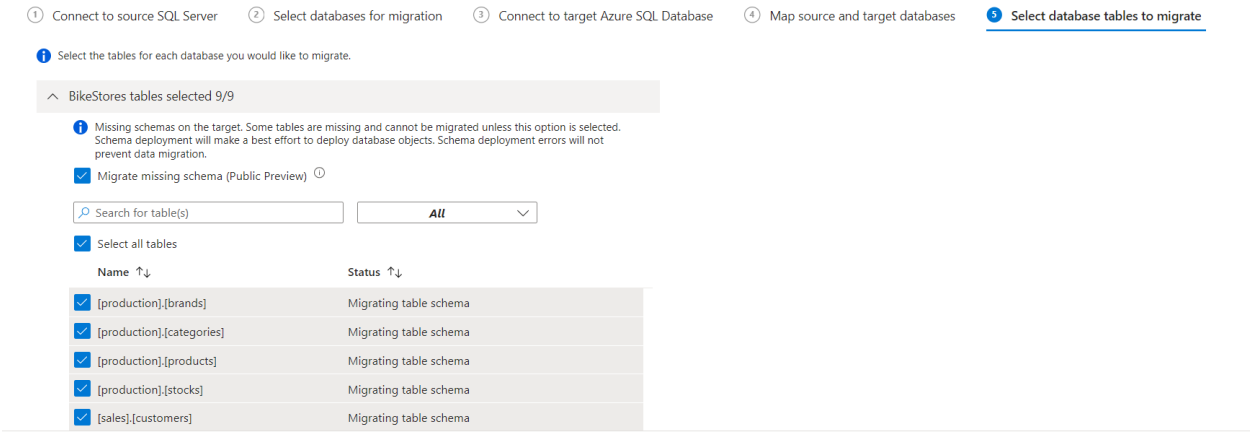
Selected relevant databases from the on-premises environment for migration



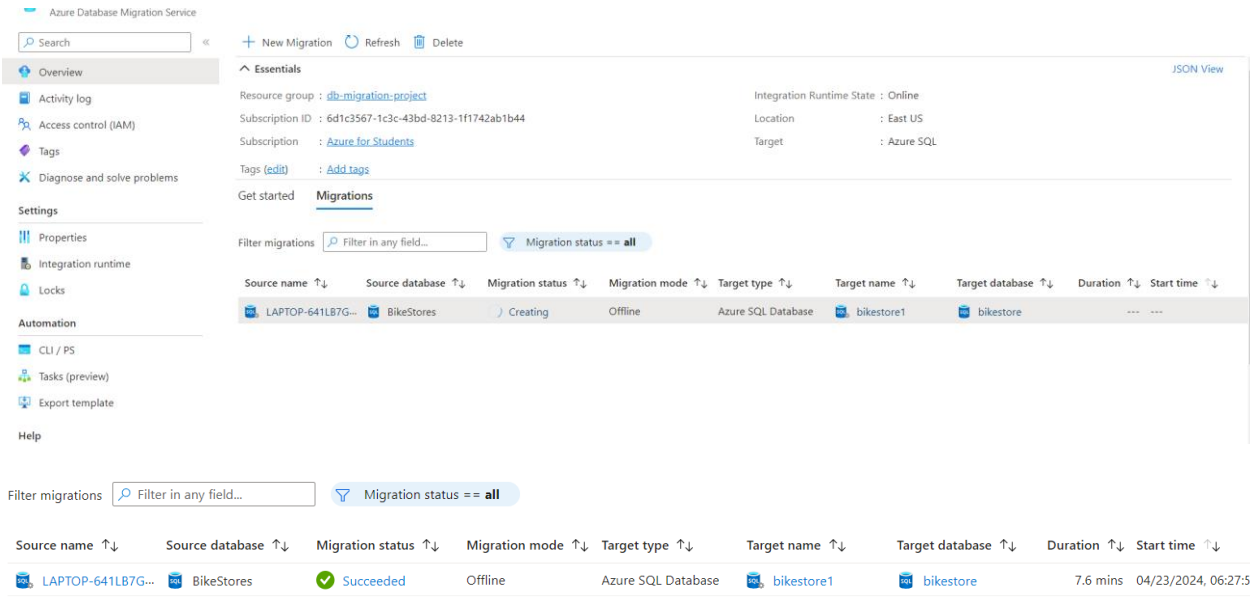
Established connections to the Azure SQL Database to ensure seamless data transfer.



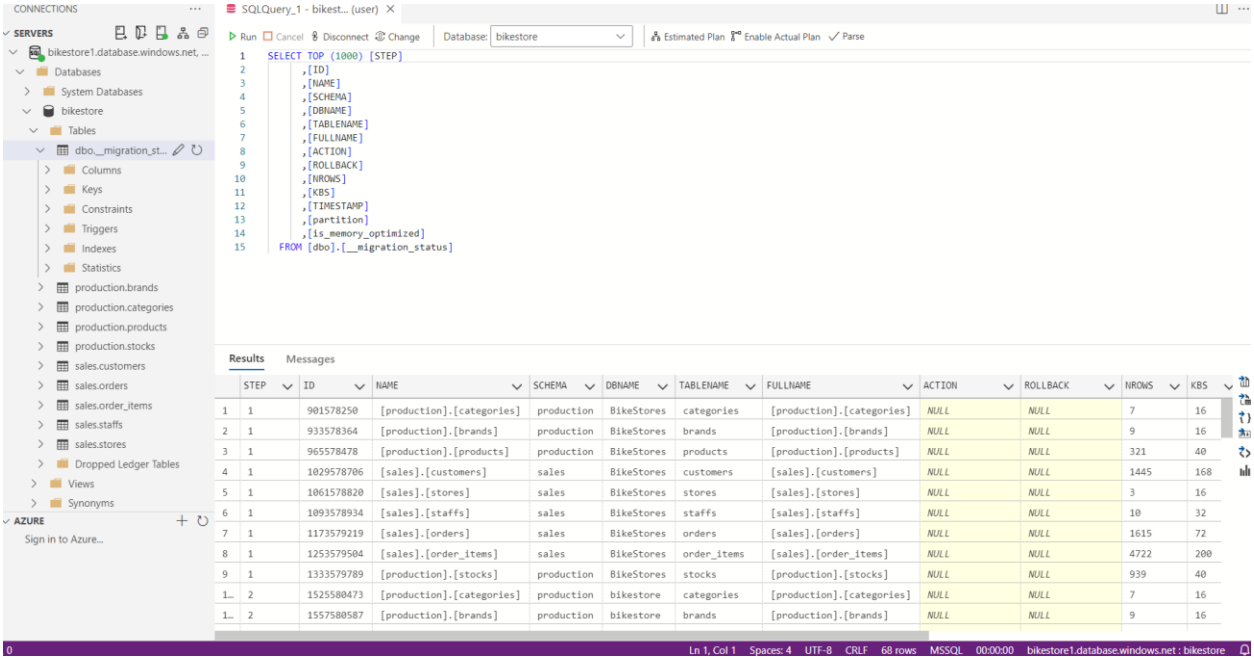
Ensured comprehensive selection of all tables to be migrated, ensuring a complete transition of data.



Monitored the migration process closely, ensuring its successful execution.



Migration succeeded



Leveraged Azure Data Studio to monitor the migration progress, providing real-time insights into the migration status.

We can see that our on-premise database is successfully migrated to azure SQL database.

Utilized the existing data model created earlier with on-premises schemas to perform rigorous data integrity checks.

Conducted a meticulous comparison between the newly migrated schema and the original on-premises data model.