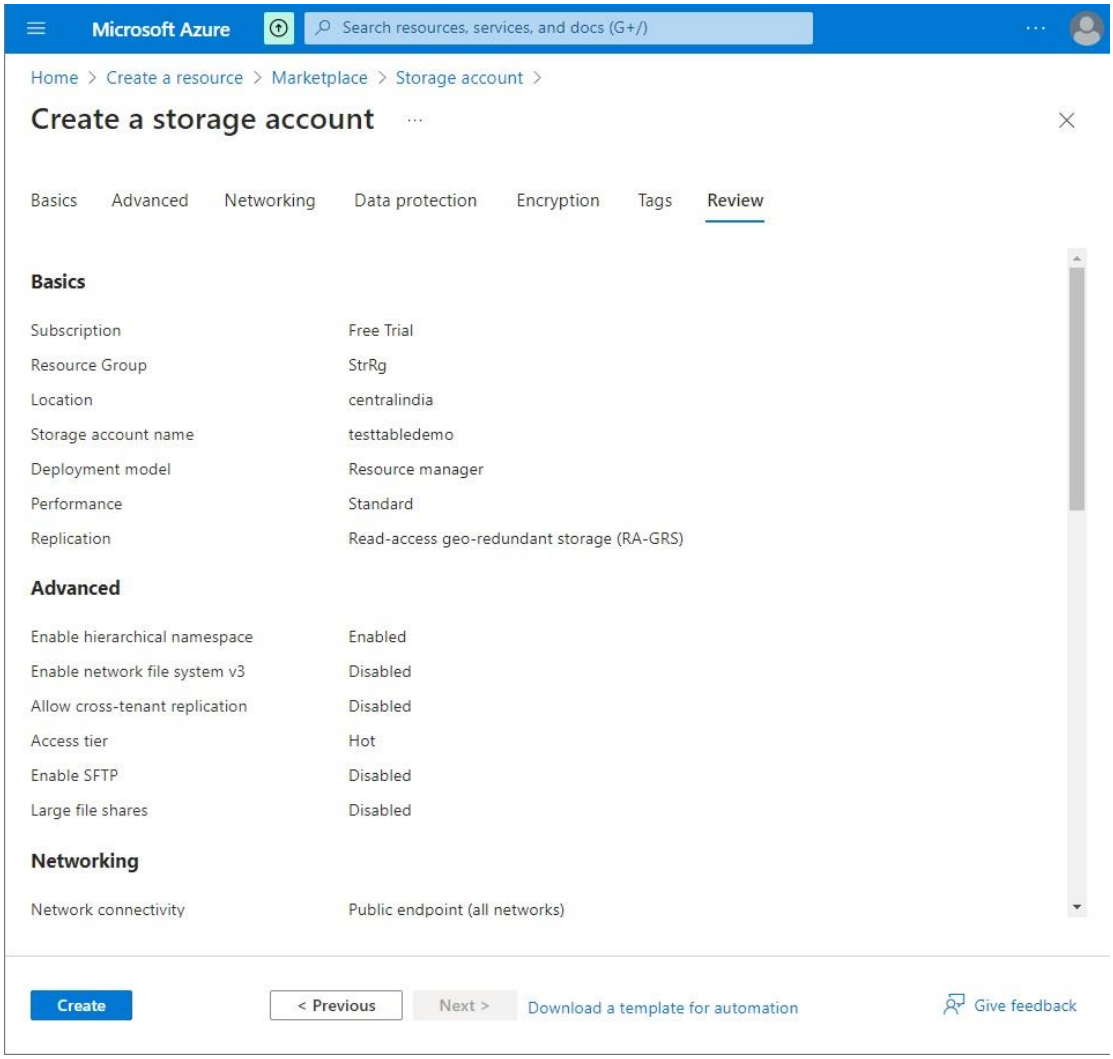
9.Create a new Azure Storage account with Table storage.

- Create a table (e.g., "Employee") in Table storage.
- Insert a record with sample data (e.g., EmployeeID, Name, Department).
- Use Azure Storage Explorer or Azure portal to query and view the inserted data.

Step 1: Create an Azure Storage Account

1. Sign in to the Azure portal.
2. In the left sidebar, click on "Create a resource."
3. Search for "Storage account" and select it from the results.
4. Click on "Create" to start the storage account creation process.
5. Fill in the required information, including Subscription, Resource Group, Storage account name, and other settings.
6. Under the "Advanced" tab, set the "Hierarchical namespace" to "Enabled" (this is required for Table storage).
7. Review the other settings, and click on "Review + create."
8. Review your configuration, and if everything looks good, click on "Create."



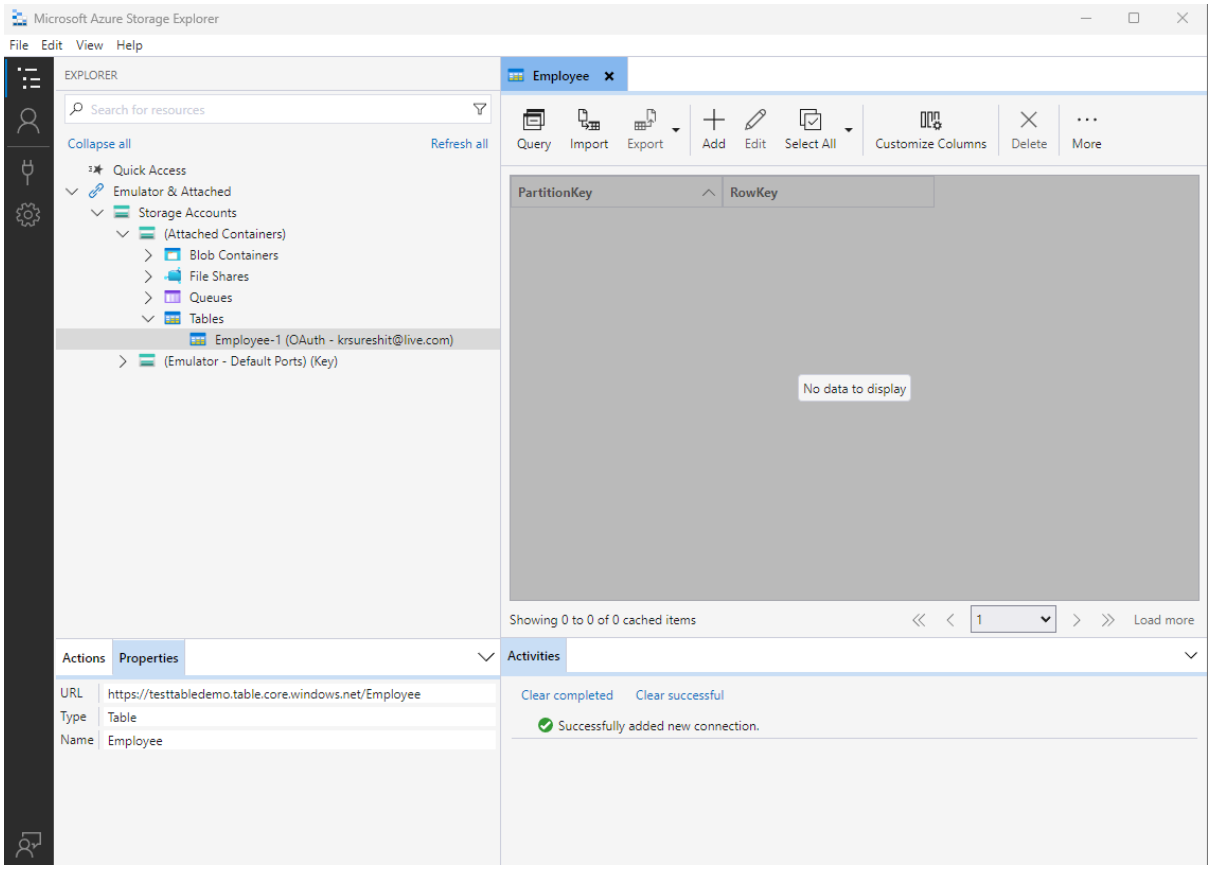
Step 2: Create a Table in Table Storage

1. Once the storage account is created, navigate to it in the Azure portal.
2. In the storage account menu, under "date storage," click on "Tables."
3. Click on the "+ Table" button.
4. Enter a name for your table (e.g., "Employee") and click on "OK."

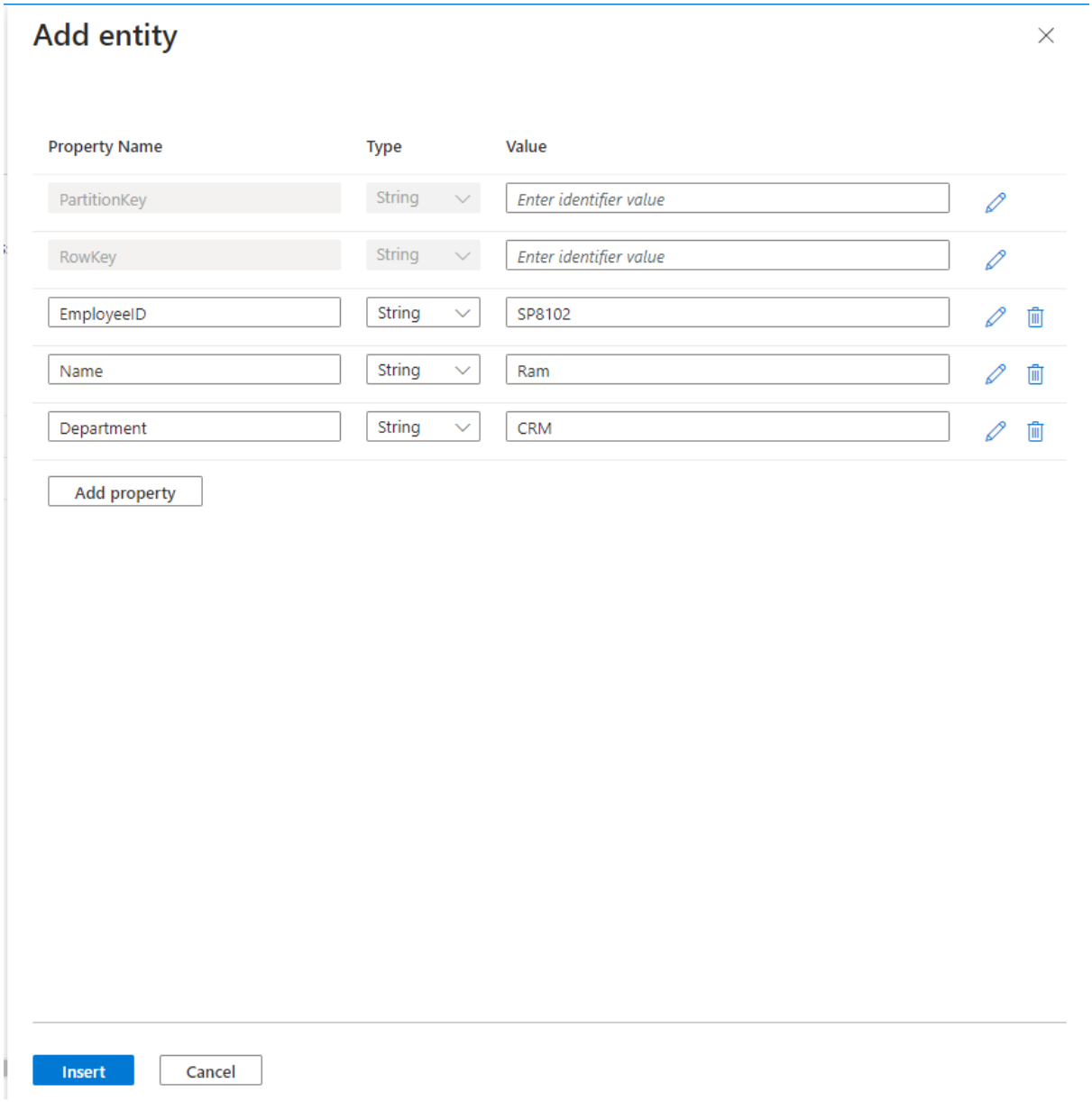
Step 3: Insert a Record into the Table

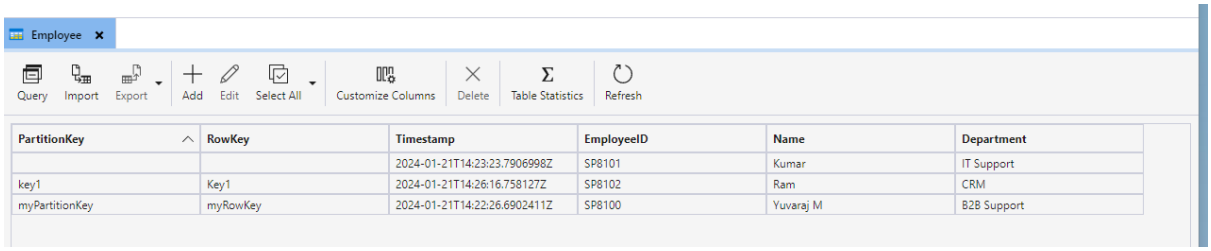
You can use various tools to insert records into Table storage, such as Azure Storage Explorer, Azure SDKs, or the Azure portal. I'll provide an example using Azure Storage Explorer:

1. Download and install Azure Storage Explorer.
2. Open Azure Storage Explorer and connect to your Azure account.
3. Navigate to your storage account, find the "Tables" node, and right-click to create a new table ("Employee").



4. Right-click on the "Employee" table, and select "Table Operations" -> "Insert Entity."
5. Enter sample data for the Employee record (e.g., EmployeeID, Name, Department) and click "Insert."





Step 4: Query and View the Inserted Data

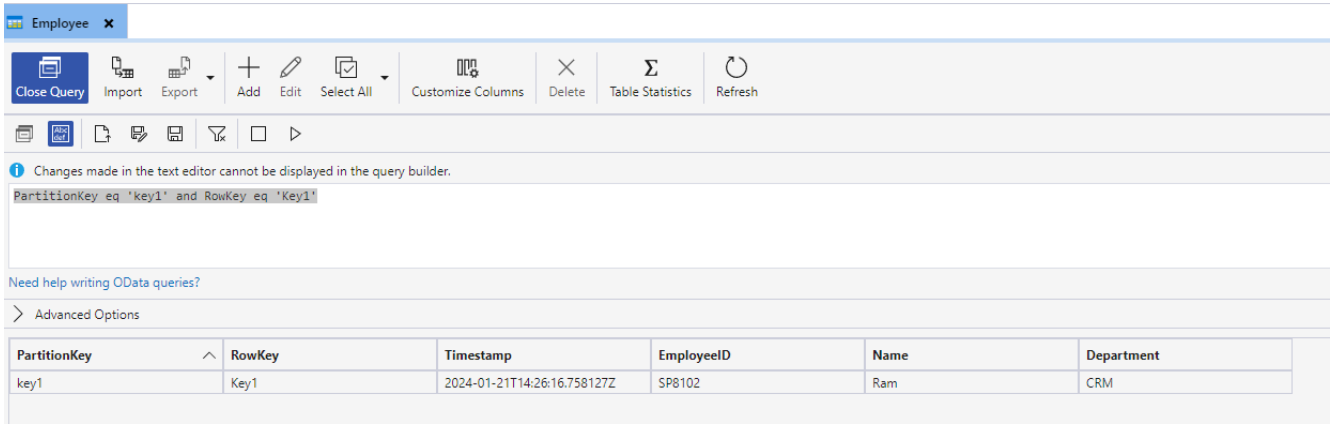
You can use Azure Storage Explorer or the Azure portal to query and view the inserted data. Here's an example using Azure Storage Explorer:

1. In Azure Storage Explorer, navigate to your storage account, find the "Tables" node, and right-click on the "Employee" table.

2. Select "Query" to open the query editor.
3. Write a query to select data from the table. For example:

   PartitionKey eq 'key1' and RowKey eq 'Key1'

4. Execute the query, and you'll see the results with the inserted data.



Remember that Azure Storage Explorer is just one option, and you can also use Azure SDKs or other tools to interact with Table storage based on your preferences and requirements.