**IT491** – Cloud Computing **Date** – March 20, 2023

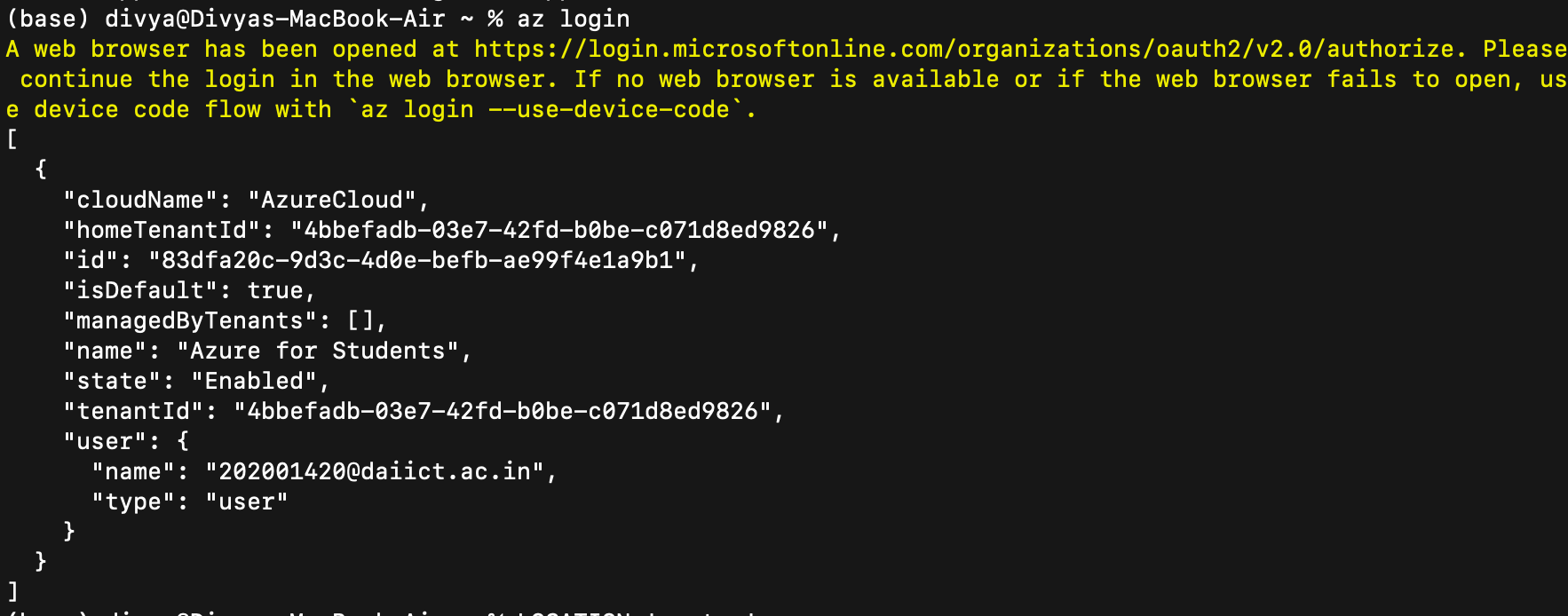
**Lab Report - 4**

**Name** – Divya Kirtikumar Patel

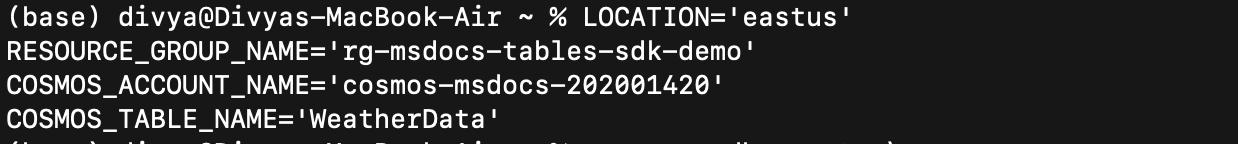
**Student ID** - **202001420**

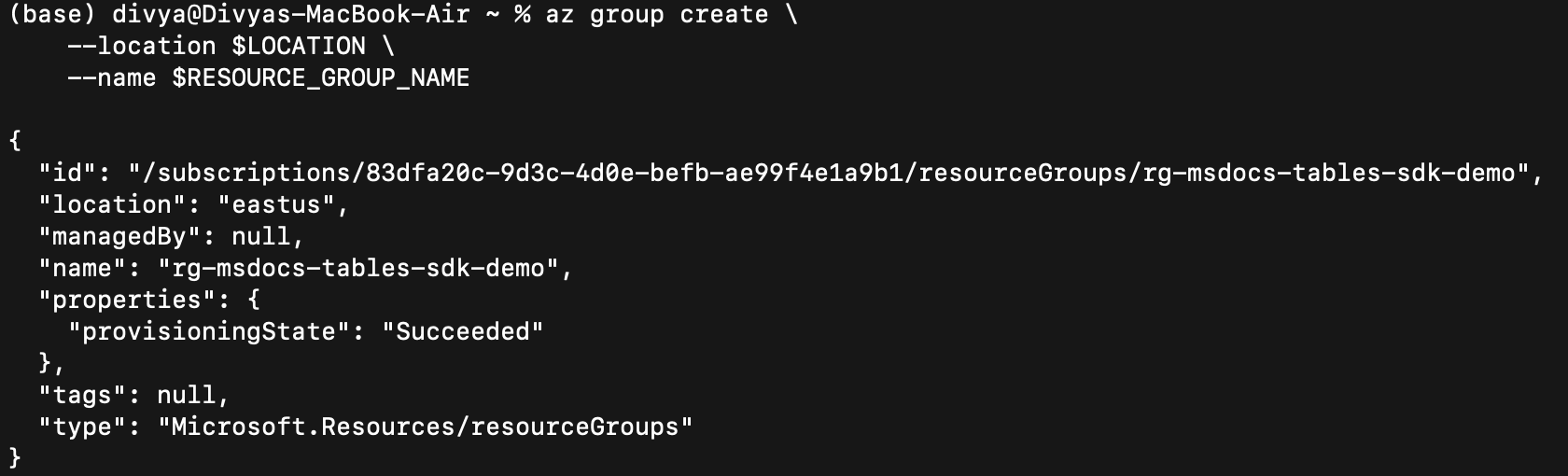
**Build a API for Table app with Python SDK and Azure Cosmos DB**

1. **Login Azure**

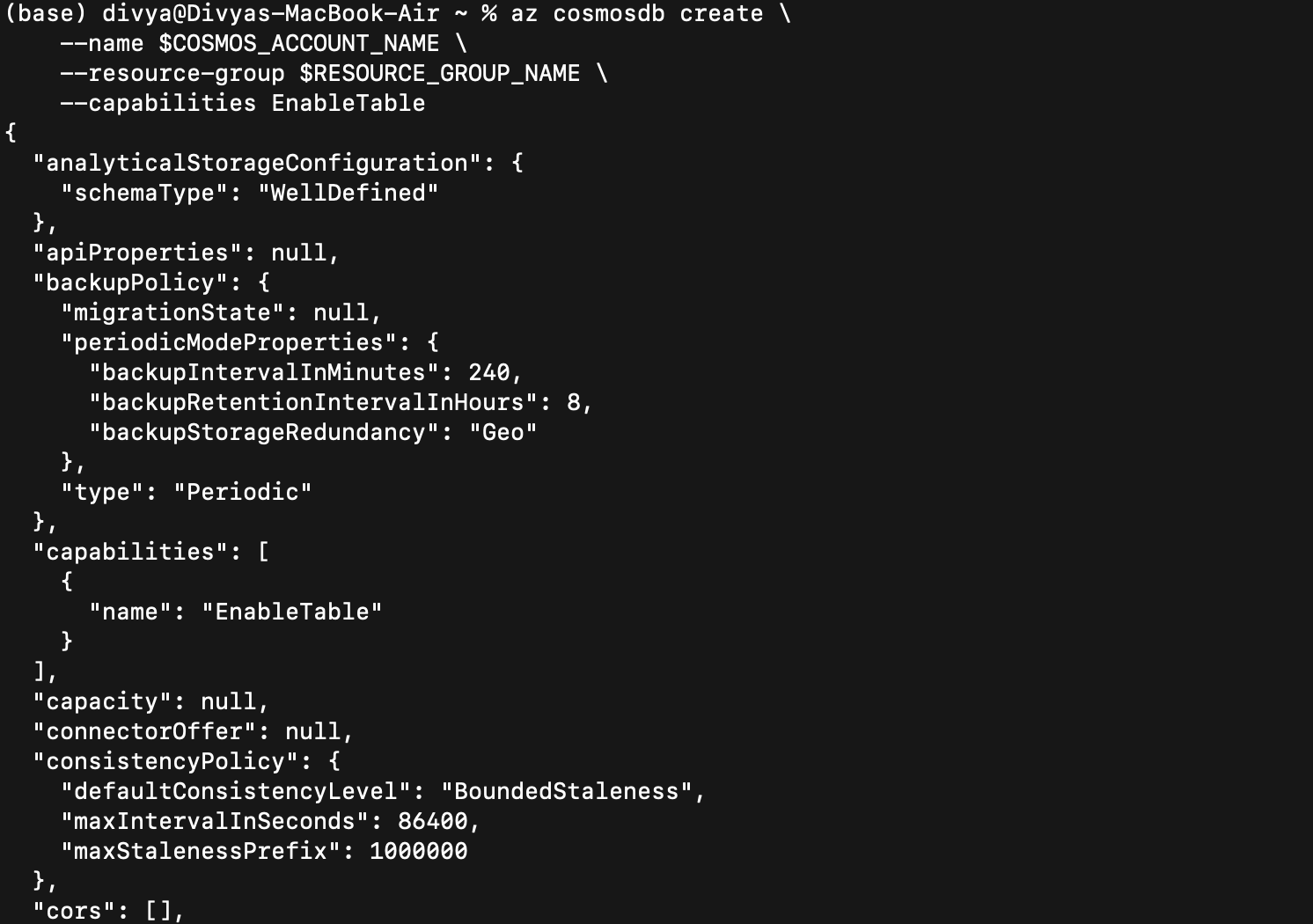


1. **Make Resource Group**

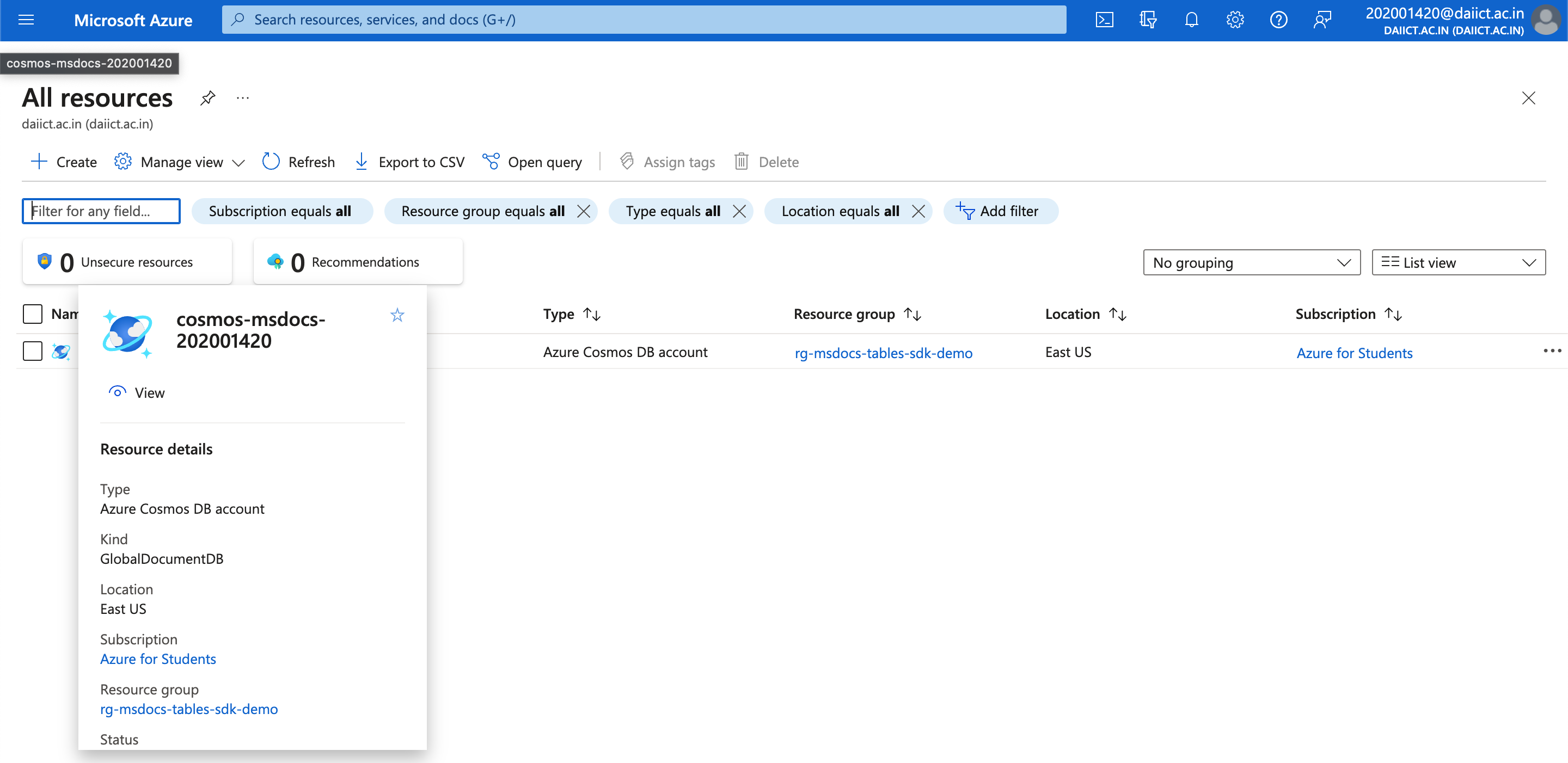




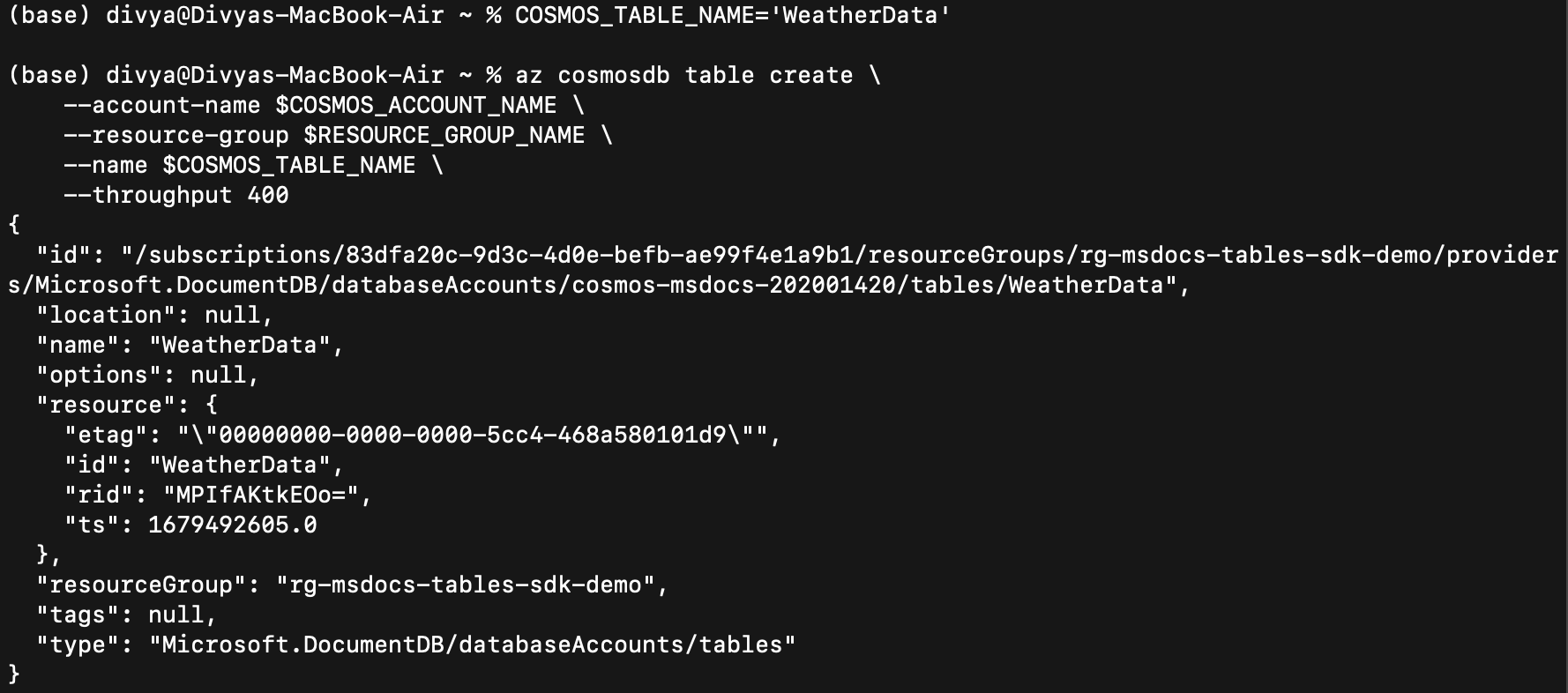
1. **Create CosmosDB**



**Resource group and CosmosDB on Azure Portal**



1. **Create Table in CosmosDB**

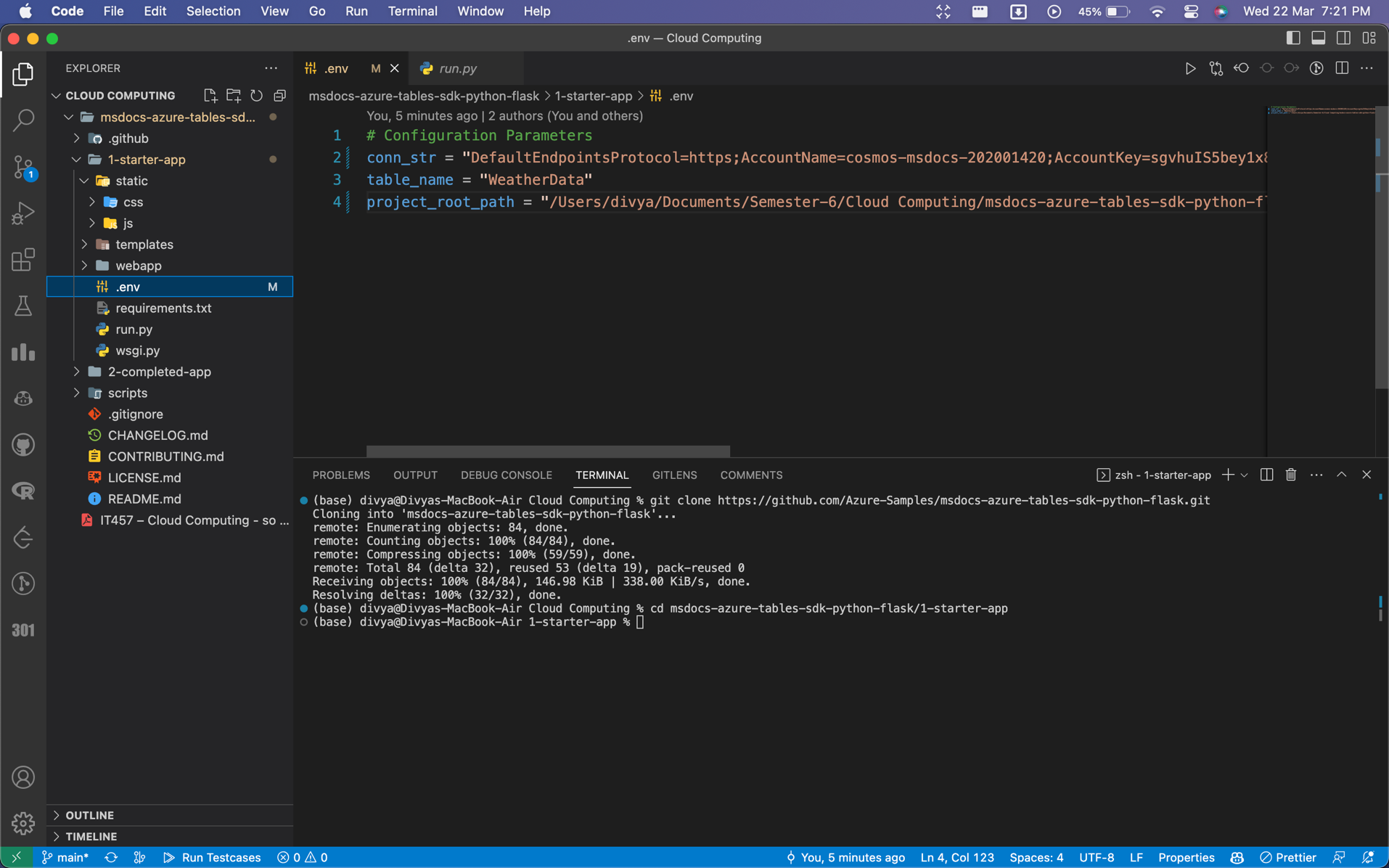


1. **Get Connection strings**

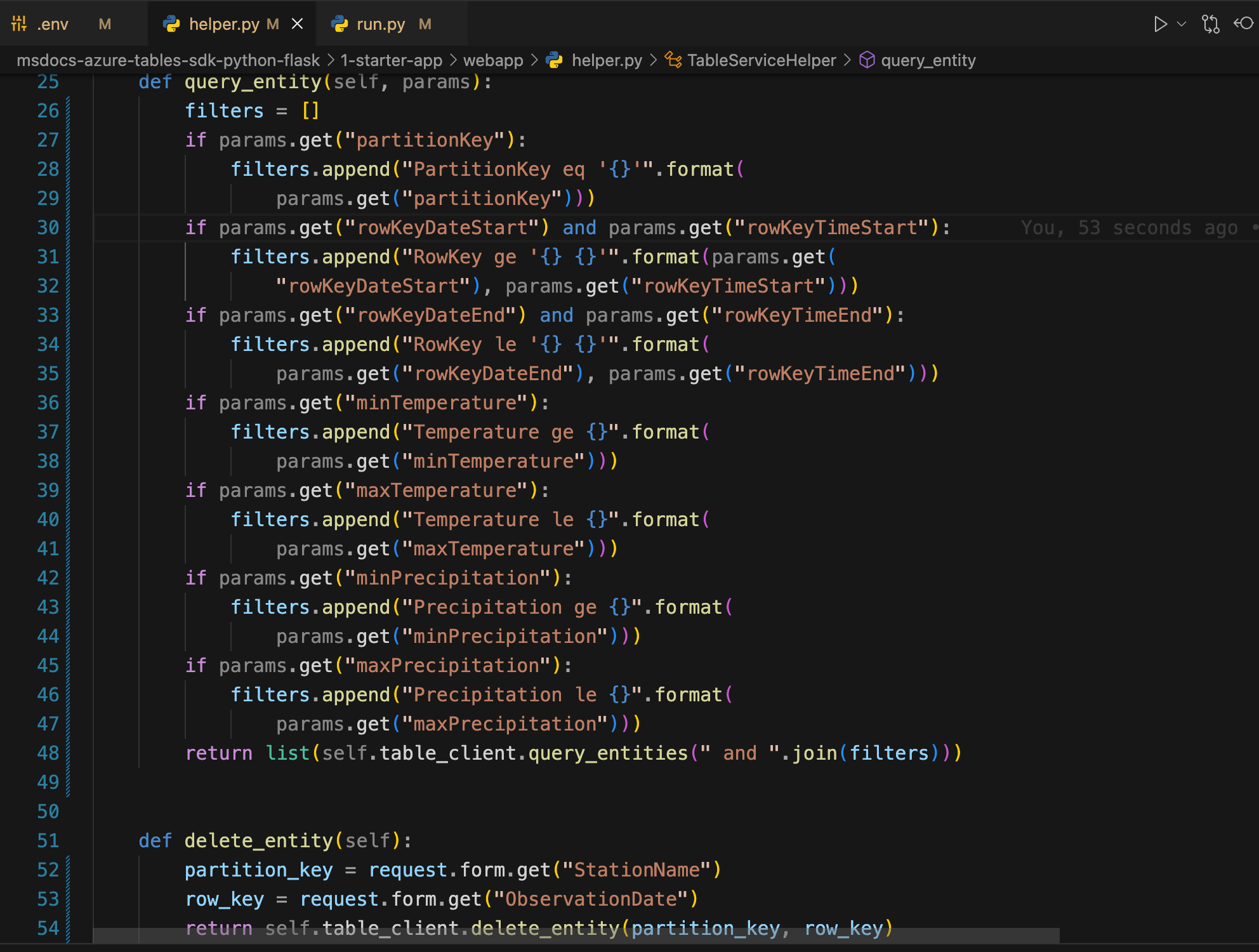


1. **Run the application from Github**

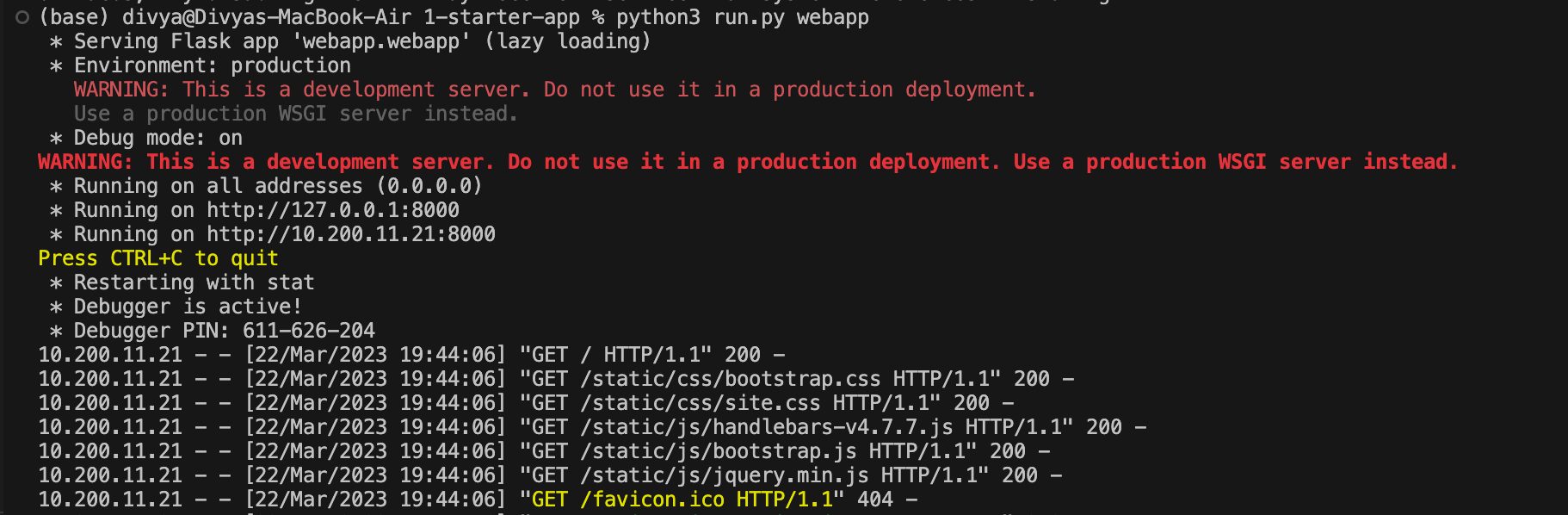
**Clone github repo and Configure Parameters in the .env file**

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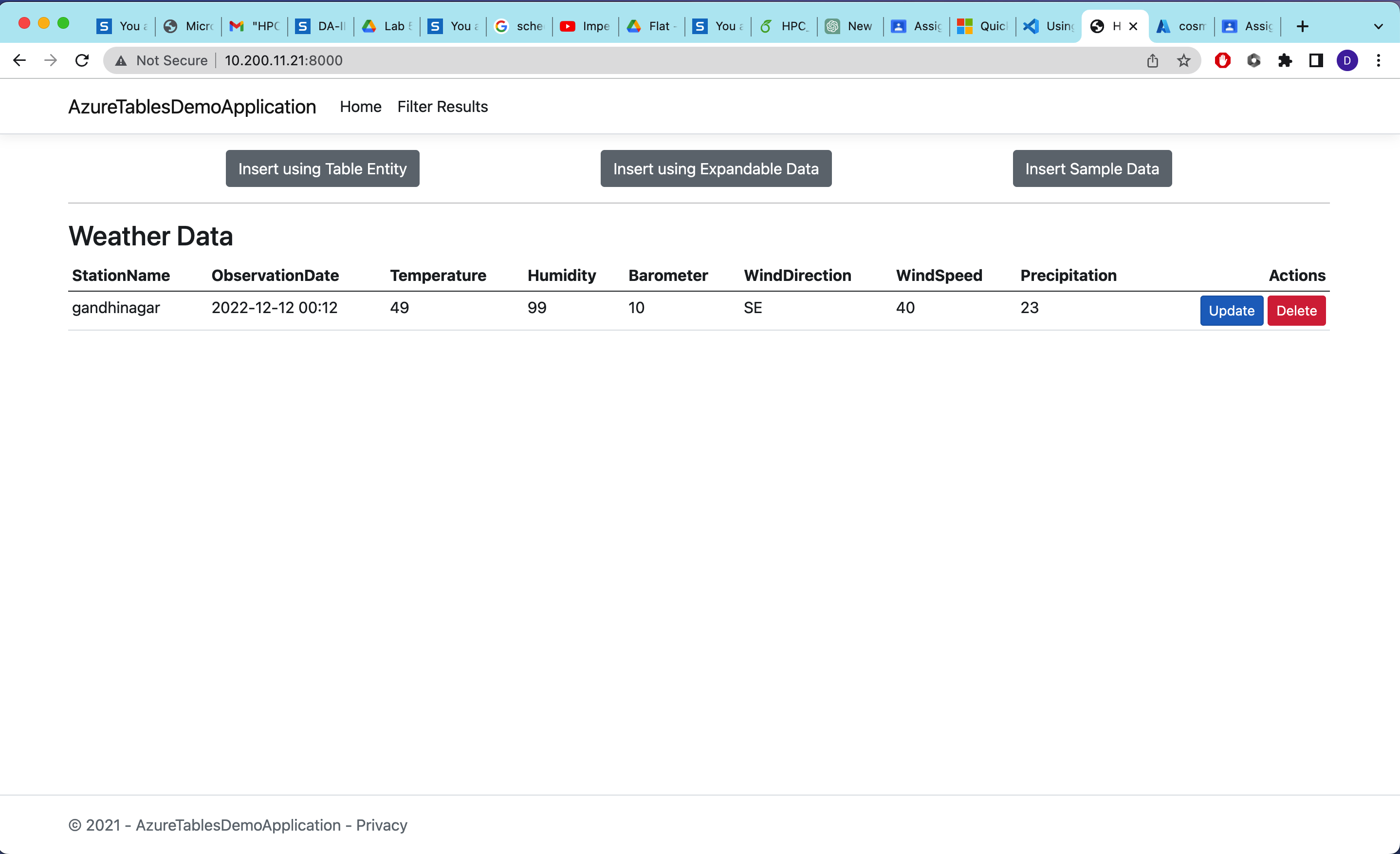
**Update functions in the helper.py file**

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**Run the app on port 8000:**

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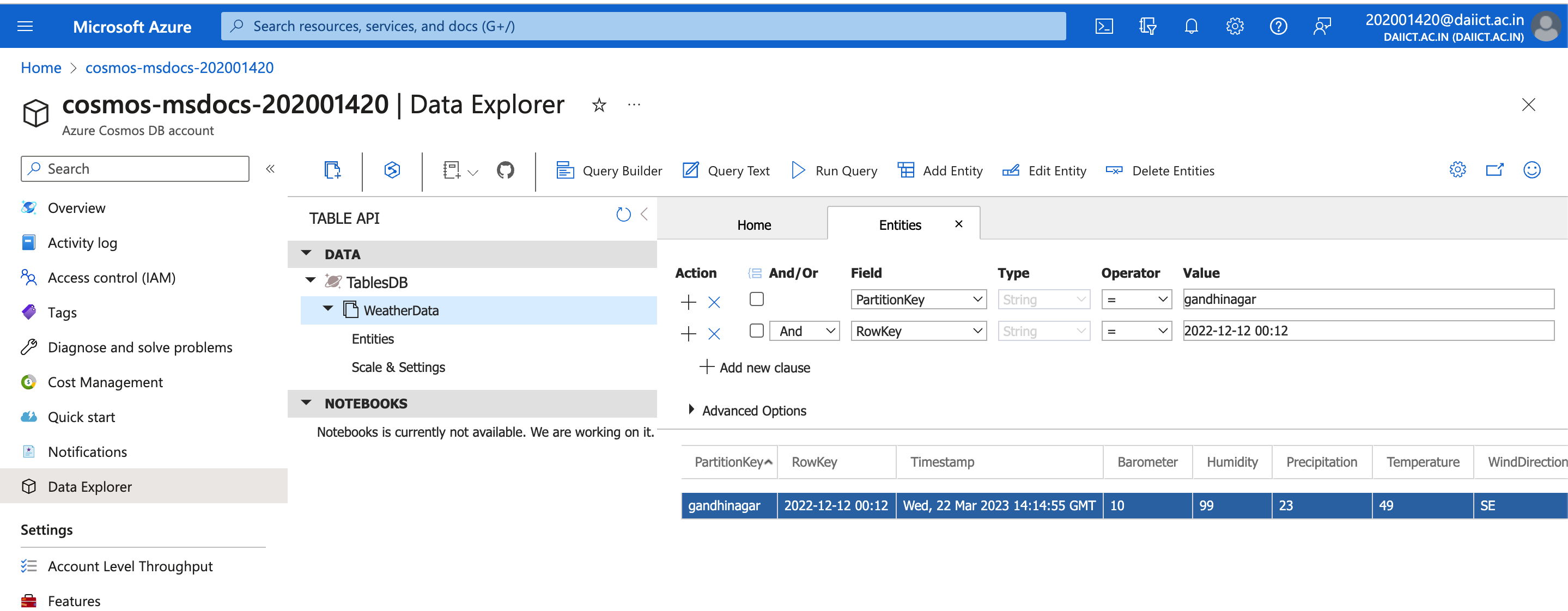
**Application Screen:**



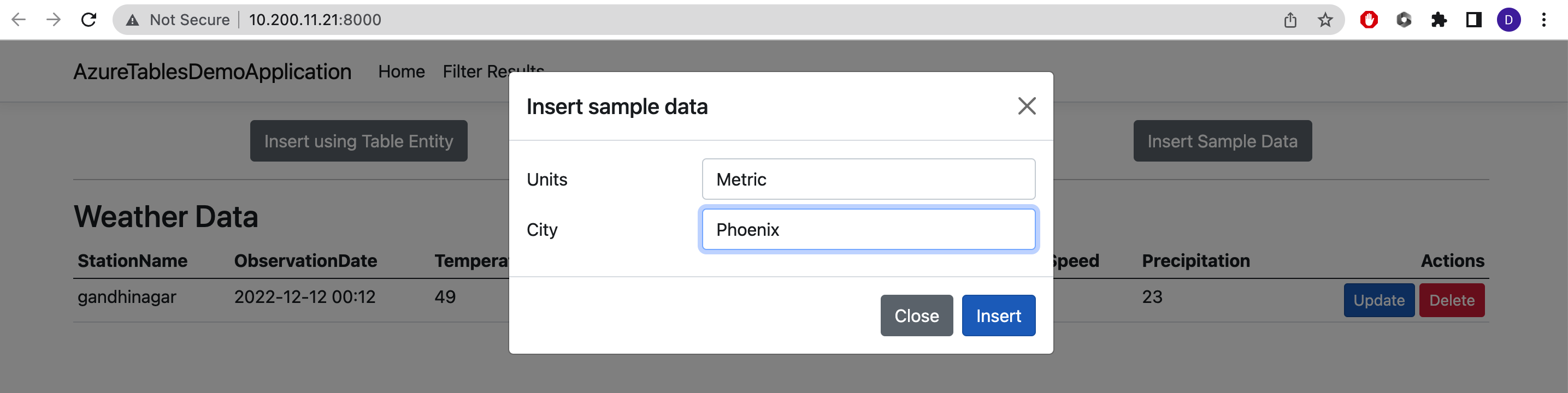
**Results on Azure portal:**

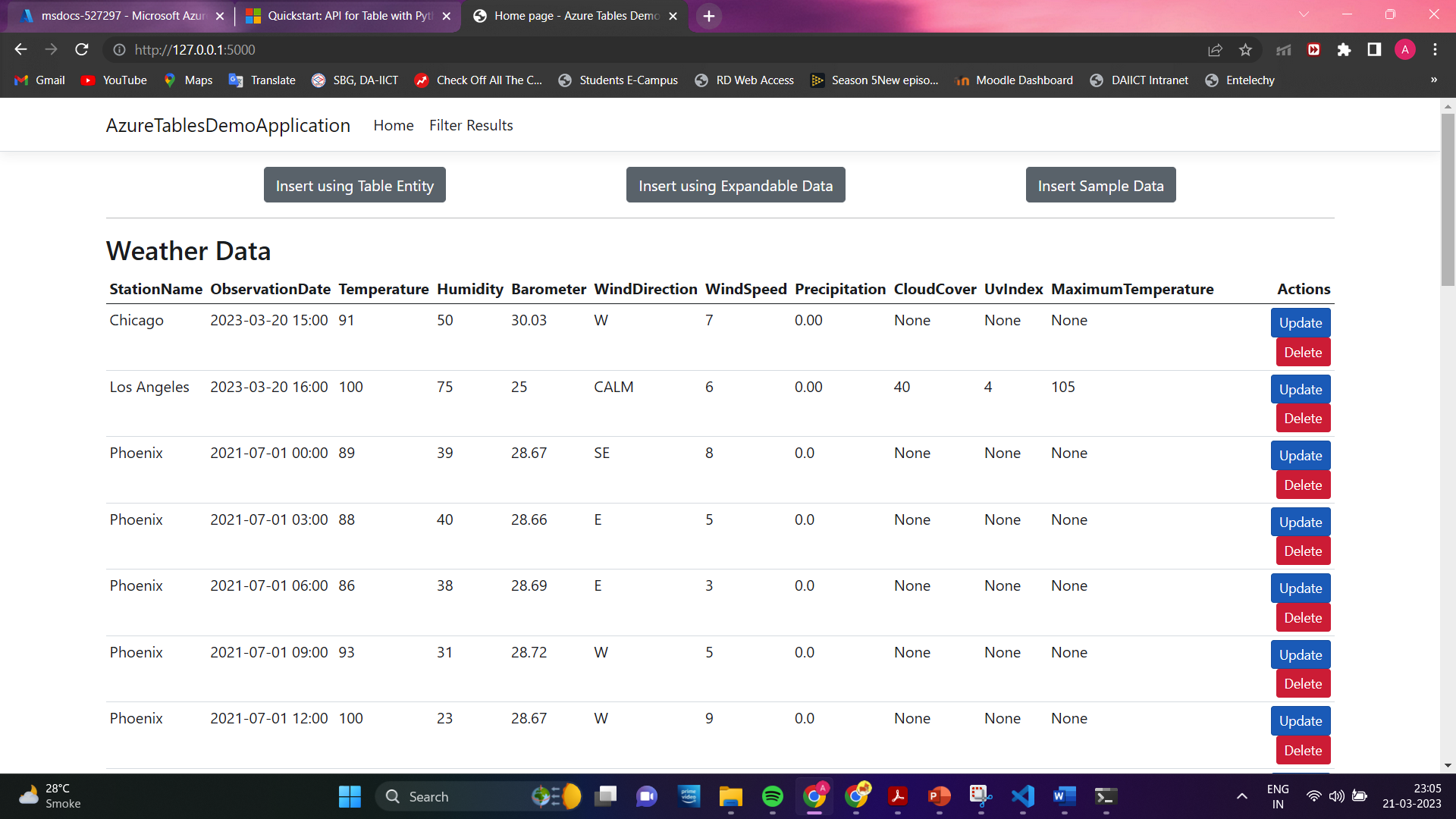


**The entry is visible on Azure Portal:**

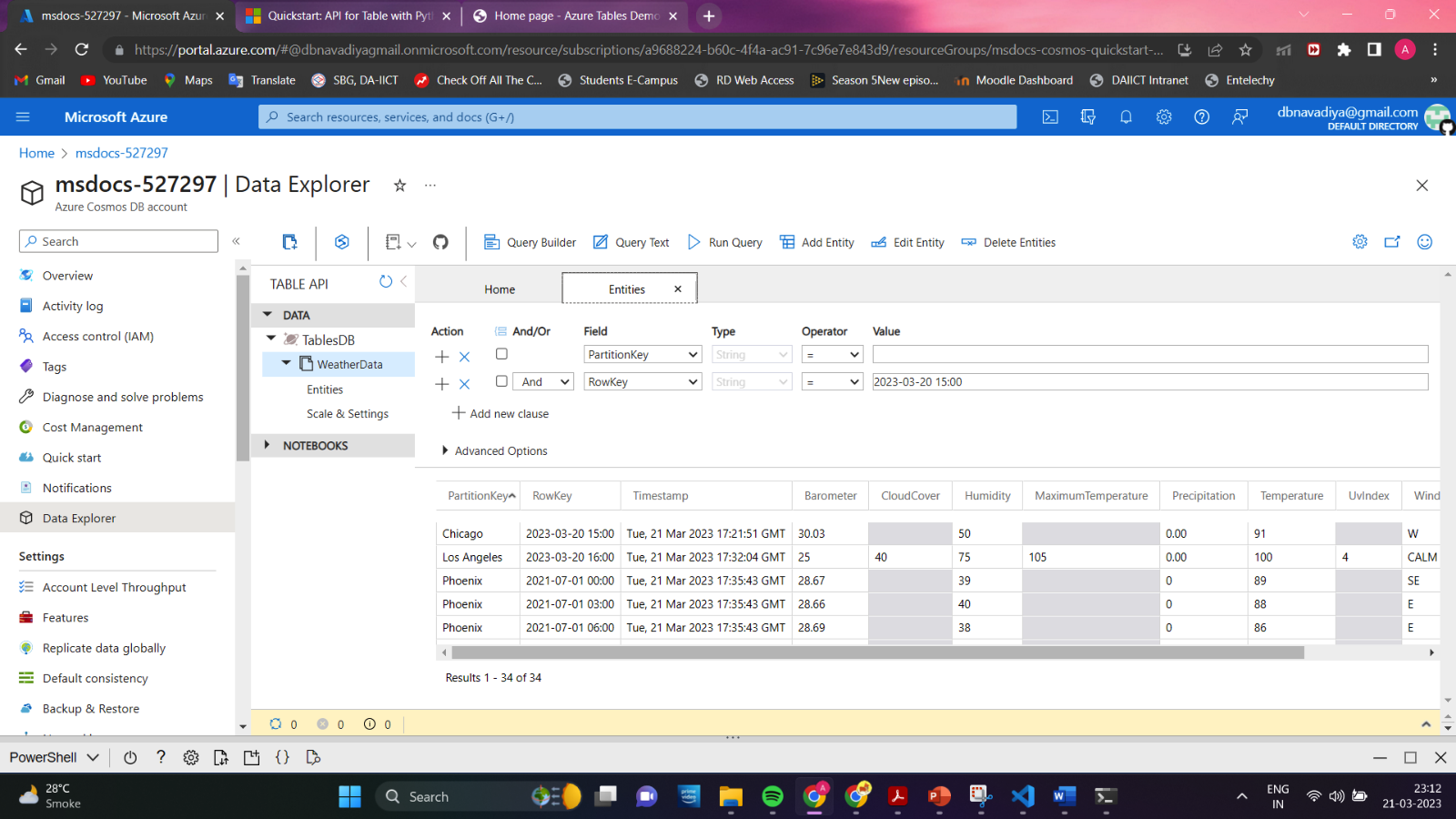


**Inserting Sample Data :**

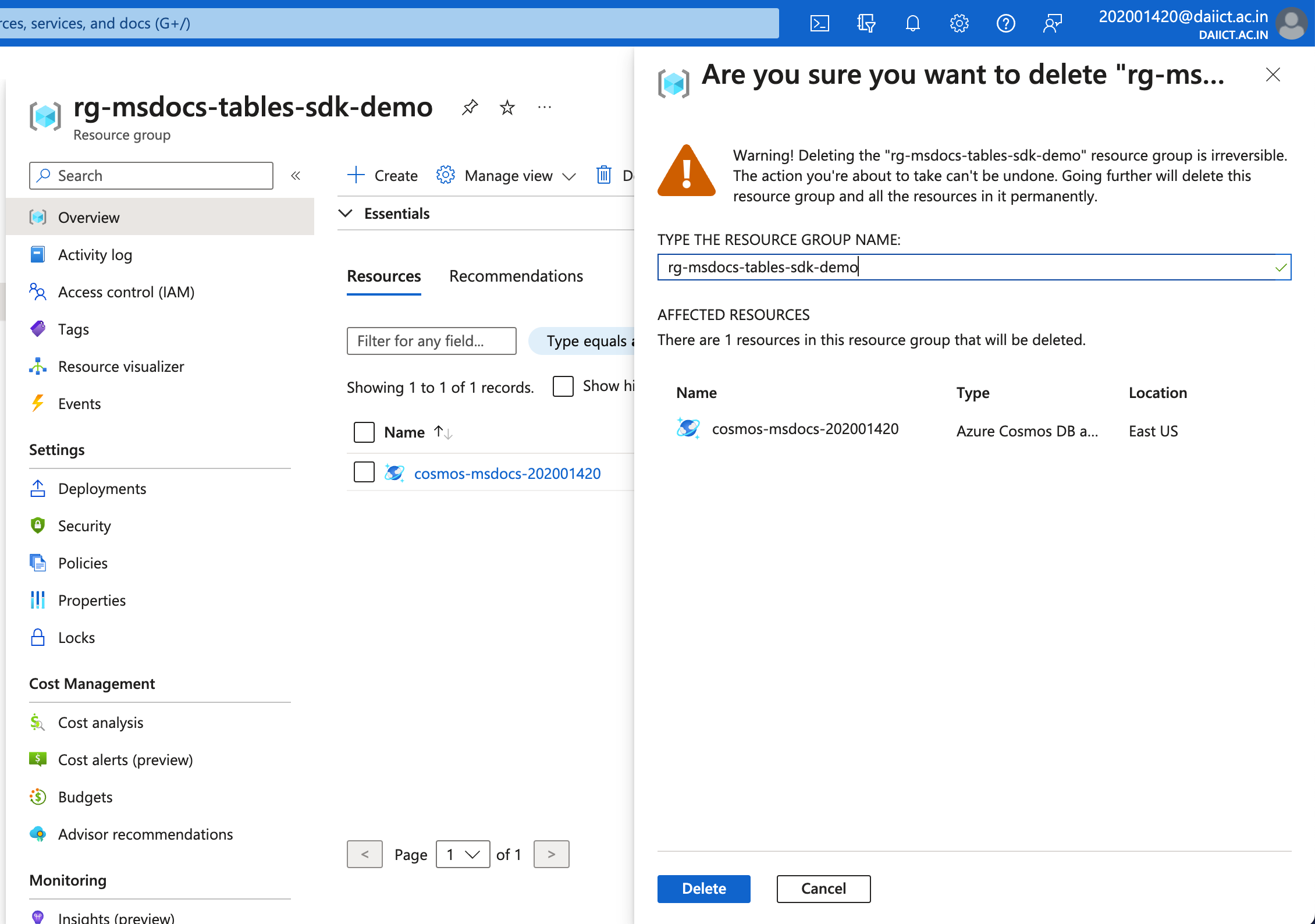
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**Azure Portal:**

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**Clean-up Resources:**

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