**Creating and monitoring resources in Azure project solution**

**Instructions**: List the steps you will perform to complete each activity in the system. Ensure to provide screenshots for each step. As a sample, we have filled in the information for *Activity 1, Step 1*. You can add more rows as required.

**Task:** In this project, you will go through the typical activities that an Azure Administrator needs to perform to create a database for storing relational data. You will also enable advanced threat protection to ensure that no unauthorized user can access the data.

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| **Activity #** | **Steps** |
| **Activity 1:**  Create Azure SQL Database. | Step 1: Log in to the Azure Portal.  Step 2 : Navigate to “SQL Databases” and click “Create”    Step 3: Provide the required details:   * + Subscription: [Select your subscription]   + Resource Group: [Create or use an existing group]   + Database Name: [Enter database name]      * + Server: [Create a new server or use an existing one]      * + Pricing Tier: [Choose based on requirements]     Step 4: Review and create the database. |
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| **Activity 2:**  Query in the Azure SQL database. | **Step 1:** Connect to the database using Azure Query Editor or SQL Server Management Studio (SSMS).  **Step 2:** Write and execute SQL queries, such as:   * + Creating tables:      * + Inserting data:      * + Retrieving data: |
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| **Activity 3:**  Enable advanced threat protection. | The **Update-AzSqlServerAdvancedThreatProtectionSetting** cmdlet sets the Advanced Threat Protection settings on an Azure SQL server. To use this cmdlet, specify the ResourceGroupName and ServerName parameters to identify the server**.**  Below command sets the Advanced Threat Protection settings for a server named Server01.  **Update-AzSqlServerAdvancedThreatProtectionSetting -ResourceGroupName "ResourceGroup11" -ServerName "Server01"** |
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