**Monitor and create resources in Azure**

Create an Azure SQL Database

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| Create an Azure SQL Database | 1: Create an Azure SQL page.      On the Azure portal, select **+ Create a resource** option from the upper left corner and search for Azure SQL.     * Select **Create** in the resulting Azure SQL page. * Review all the available Azure SQL options, and then in the SQL databases title, ensure a single database is selected and select **Create**. |
|  | 2: Populate the information in the SQL database.    A created SQL database page will pop up. Populate the necessary information as follows:   1. Subscription: Select your Azure subscription in which you wish to create the resource. 2. Resource group: Choose the resource group where you wish to create the resource or create a new one by selecting **Create new option** and entering the name of your choice. 3. Database name: Enter the name you wish to give to the database. 4. Server: Select the **Create new** option and create a new server with a unique name in any location. Use SQL authentication and specify your name as the server admin login and a suitably complex password for security. |
|  | 3: Deploy the resources.   1. Select the **Networking** tab. Then, on the Networking tab, configure the networking settings. 2. In the Network connectivity section, select Public endpoint.      1. Select **Yes** for both options in the Firewall rules section to allow access to the database server from Azure services and your current client IP address.      1. Select **Next: Security** option to configure the security for the database. For now, set the Enable Microsoft Defender for SQL option to Not now. 2. Select **Additional Settings** option to configure some additional settings for the database. For now, set the use existing data option to Sample. 3. Finally, select **Review + create** and review the different configurations of the database.      1. Once everything is configured, select **Create** to create an Azure SQL Database.      1. Wait for deployment to complete and go to the resource that was deployed. |