**Create a single database**

To create a single database in the Azure portal, search for Azure SQL page.

1. Browse to the Select SQL Deployment option page.
2. Under **SQL databases**, leave **Resource type** set to **Single database**, and select **Create**.
3. On the **Basics** tab of the **Create SQL Database** form, under **Project details**, select the desired Azure **Subscription**.
4. For **Resource group**, select **Create new**, enter *myResourceGroup*, and select **OK**.
5. For **Database name**, enter *mySampleDatabase*.
6. For **Server**, select **Create new**, and fill out the **New server** form with the following values:
   * **Server name**: Enter *mysqlserver*, and add some characters for uniqueness. We can't provide an exact server name to use because server names must be globally unique for all servers in Azure, not just unique within a subscription. So enter something like mysqlserver12345, and the portal lets you know if it's available or not.
   * **Location**: Select a location from the dropdown list.
   * **Authentication method**: Select **Use SQL authentication**.
   * **Server admin login**: Enter *azureuser*.
   * **Password**: Enter a password that meets requirements, and enter it again in the **Confirm password** field.

Select **OK**.

1. Leave **Want to use SQL elastic pool** set to **No**.
2. Under **Compute + storage**, select **Configure database**.
3. This quickstart uses a serverless database, so leave **Service tier** set to **General Purpose (Scalable compute and storage options)** and set **Compute tier** to **Serverless**. Select **Apply**.
4. Select **Next: Networking** at the bottom of the page.
5. On the **Networking** tab, for **Connectivity method**, select **Public endpoint**.
6. For **Firewall rules**, set **Add current client IP address** to **Yes**. Leave **Allow Azure services and resources to access this server** set to **No**.
7. Select **Next: Security** at the bottom of the page.
8. On the **Security tab**, you have the option to enable Microsoft Defender for SQL. Select **Next: Additional settings** at the bottom of the page.
9. On the **Additional settings** tab, in the **Data source** section, for **Use existing data**, select **Sample**. This creates an AdventureWorksLT sample database so there's some tables and data to query and experiment with, as opposed to an empty blank database.
10. Select **Review + create** at the bottom of the page:
11. On the **Review + create** page, after reviewing, select **Create**.

**Query the database**

Once your database is created, you can use the **Query editor (preview)** in the Azure portal to connect to the database and query data.

1. In the portal, search for and select **SQL databases**, and then select your database from the list.
2. On the page for your database, select **Query editor (preview)** in the left menu.
3. Enter your server admin login information, and select **OK**.
4. Enter the following query in the **Query editor** pane.

SQLCopy

SELECT TOP 20 pc.Name as CategoryName, p.name as ProductName

FROM SalesLT.ProductCategory pc

JOIN SalesLT.Product p

ON pc.productcategoryid = p.productcategoryid;

1. Select **Run**, and then review the query results in the **Results** pane.
2. Close the **Query editor** page, and select **OK** when prompted to discard your unsaved edits.