**Exploring Lakehouse and Its Features**

Microsoft Fabric Lakehouse combines the scalability of a data lake with the performance of a data warehouse. It supports both structured and unstructured data, offering a unified platform for storage, management, and analytics[1](https://learn.microsoft.com/en-us/fabric/data-engineering/lakehouse-overview).

**SQL Endpoint in Lakehouse**

* The SQL Analytics Endpoint is automatically created when a Lakehouse is provisioned. It allows querying Delta tables using T-SQL in read-only mode[1](https://learn.microsoft.com/en-us/fabric/data-engineering/lakehouse-overview)[2](https://learn.microsoft.com/en-us/fabric/data-engineering/lakehouse-sql-analytics-endpoint).
* Only Delta tables are accessible via this endpoint; other formats like CSV or Parquet require conversion to Delta for querying[2](https://learn.microsoft.com/en-us/fabric/data-engineering/lakehouse-sql-analytics-endpoint).

**Lakehouse Tables vs Files**

* Tables: Managed or unmanaged Delta tables stored in the Lakehouse, optimized for analytics.
* Files: Unmanaged section for raw file storage (e.g., CSV, Parquet). Files can be previewed but require transformation to be used as tables[3](https://www.red-gate.com/simple-talk/databases/sql-server/bi-sql-server/choosing-between-the-lakehouse-and-warehouse-in-microsoft-fabric/).

**Steps to Create a Lakehouse and Upload Files**

1. Create a Lakehouse:
   * Navigate to your workspace and select "New Item" > "Lakehouse."
   * Name your Lakehouse and click "Create"[4](https://learn.microsoft.com/en-us/fabric/data-engineering/create-lakehouse)[7](https://learn.microsoft.com/en-us/fabric/onelake/create-lakehouse-onelake).
2. Upload Files:
   * In the Lakehouse explorer, click the three dots next to "Files" > "Upload Files."
   * Select and upload your CSV file5[8](https://hatfullofdata.blog/fabric-upload-a-csv-file-and-folder/).
3. Create a Table from Uploaded File:
   * Locate the uploaded file in the explorer.
   * Click the three dots next to the file > "Load to Tables" > "New Table."
   * Adjust table settings (e.g., name, headers) and click "Load"