<https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-creating-and-managing-data-in-a-hierarchical-table>

# Lesson 2: Creating and Managing Data in a Hierarchical Table

2017-3-1 1 min to read Contributors

* [BYHAM](https://github.com/BYHAM)

* [Craig Guyer](https://github.com/craigg-msft)

In Lesson 1, you modified an existing table to use the **hierarchyid** data type, and populated the **hierarchyid** column with the representation of the existing data. In this lesson, you will start with a new table, and insert data by using the hierarchical methods. Then, you will query and manipulate the data by using the hierarchical methods.

This lesson contains the following topics:

* [Creating a Table Using the hierarchyid Data Type](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-1-creating-a-table-using-the-hierarchyid-data-type)
* [Populating a Hierarchical Table Using Hierarchical Methods](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-2-populating-a-hierarchical-table-using-hierarchical-methods)
* [Querying a Hierarchical Table Using Hierarchy Methods](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-3-querying-a-hierarchical-table-using-hierarchy-methods)
* [Reordering Data in a Hierarchical Table Using Hierarchical Methods](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-4-reordering-data-in-a-hierarchical-table-using-hierarchical-methods)
* [Summary: Managing Data in a Hierarchical Table](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-5-summary-managing-data-in-a-hierarchical-table)

## Next Task in Lesson

[Creating a Table Using the hierarchyid Data Type](https://docs.microsoft.com/en-us/sql/relational-databases/tables/lesson-2-1-creating-a-table-using-the-hierarchyid-data-type)