Use the AdventureWorks2019 database for this assignment. Your task is twofold:

1. Create a PIVOT query listing the distribution of sales (SubTotal) across salespersons (SalesPersonID) and territories (TerritoryID). Use the Sales.SalesOrderHeader table to retrieve the data. Sample output is included below. In the output, I replaced territory IDs (originally represented with numbers) with strings (i.e., ‘t1’ instead of ‘1’, ‘t2’ instead of ‘2’, etc.). SalesPersonID ‘999’ represents orders with no salesperson ID (i.e., web-placed orders). I also formatted sales amounts with currency symbols. Use the “manual” (i.e., hard coded) approach to identify the territories.

A screenshot of a computer

Description automatically generated with medium confidence

1. Modify Step 1 to include the territory names instead of territory IDs in the output. Territory names can be found in the Sales.SalesTerritory table.
2. Modify Step 2 to dynamically assign territory names following the approach we discussed in class.