Microsoft Fabric in a Day Lab Manual – **Lab 2**

# Lab 2: Shortcuts – Creating a Location Table

## Introduction

This lab will explore Fabric's low/no-code data integration workload, Dataflows gen2. The steps below will walk through creating a Dataflow, connecting it to a sample database, filtering by the necessary schema, and integrating base tables that will be used in the following labs.

## Create a Shortcut to Virtualize your data from ADLS Gen 2

ADLS connection URL: <https://stvnextblobstorage.dfs.core.windows.net/fabrikam-sales>

ADLS SAS token: ?sv=2023-01-03&ss=btqf&srt=sco&st=2025-01-02T09%3A55%3A00Z&se=2025-06-30T09%3A36%3A00Z&sp=rl&sig=gSvkYjogdobz7uYHcJfzqfQXnWa2EJ0709lfJWsBOnw%3D

## Transforming Application Cities

Now that we’ve connected to the data for the tables we’ll be working with, we can start the data transformation process. We’ll begin by working with the **Application Cities** table before moving on to joining the **Application StateProvinces** table.

Navigate to **Choose Columns**. In the dialog box that appears, uncheck the **Select All** box. Then, check the boxes for the following fields: **CityID**, **CityName**, and **StateProvinceID**.

## Transforming Application StateProvinces

Now that we’ve had a detailed walkthrough of how to transform the Application Cities table, we’re going to repeat the process for Application StateProvinces with abbreviated instructions.

**Apply transformations to StateProvinces:** Select **Application StateProvinces** from the queries pane on the left then use **Choose columns** to keep only **StateProvinceID, StateProvinceCode, StateProvinceName** and **SalesTerritory**.

## Merge Tables

Now that our tables are prepared, we’re ready to join them together to create a single **locations** table. There are several ways to accomplish this. We’ll use the diagram view to merge Application Cities and Application StateProvinces tables.

A screenshot of a computer

Description automatically generated

**Note: If the locations table is missing or you see “Undefined” in your Lakehouse, please refresh your browser.**

You have now successfully completed this lab.