



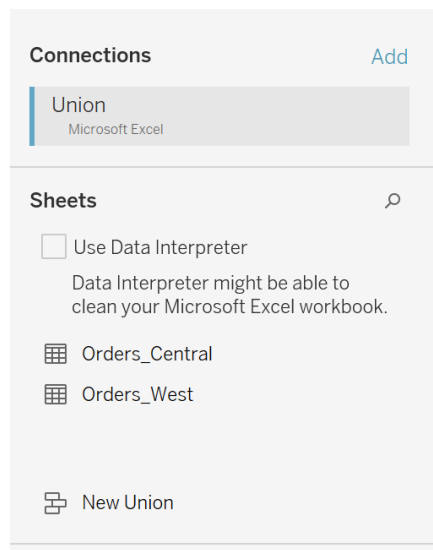
EXERCISE 01: Union in Tableau

In this exercise, you will use the **Union Excel file**. Which is split by region. The files for different regions follow a similar column structure as the Orders table but are segregated into different sheets based on their regions, as you can see from the following figure:

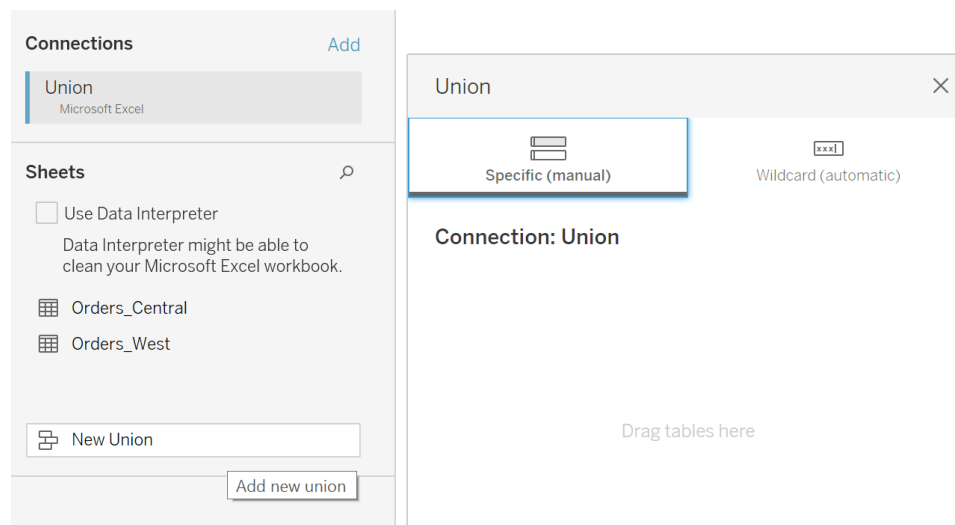


You have the data for two regions: **Central** and **West**. You can implement a union to combine these two regions into a single dataset, as outlined in the following steps:

1. Load the **Union Excel file** using the **Connect** option from the location where the files are saved.



2. Double-click on the New Union option to open the Union popup, as shown in the following figure:





3. Drag the two order tables onto the Union popup, as follows:

Union

Specific (manual) Wildcard (automatic)

Connection: Union

Orders_Central

Orders_West

Tables in union: 2

Apply OK

4. Click on OK to add the union to the data grid.
You can now preview the data in the bottom section. Tableau will combine the data from both tables into a single data source.

Union (Union)

Connection
☒ Live ☐ Extract

Union

Union

19 fields 11876 rows

100 rows

Row ID	Order ID	Ship Mode	Customer ID	Customer Name	Segment
15	US-2016-118983	Standard Class	HP-14815	Harold Pawlan	Home Office
16	US-2016-118983	Standard Class	HP-14815	Harold Pawlan	Home Office
17	CA-2015-105893	Standard Class	PK-19075	Pete Kriz	Consumer

5. Scroll to the right side of the data preview. You will see two additional columns— namely Sheet and Table Name. Sheet signifies which Excel file sheet this data belongs to and Table Name refers to the table names in Tableau. This can be used to quickly identify which columns come from which sheets and tables.



Abc Union Sheet	Abc Union Table Name
Orders!Central	Orders_Central
Orders!Central	Orders_Central
Orders!Central	Orders_Central
Orders!Central	Orders_Central
Orders!Central	Orders_Central
Orders!Central	Orders_Central