# Module 1: Data Preparation Using Tableau Prep

## Demo Document II

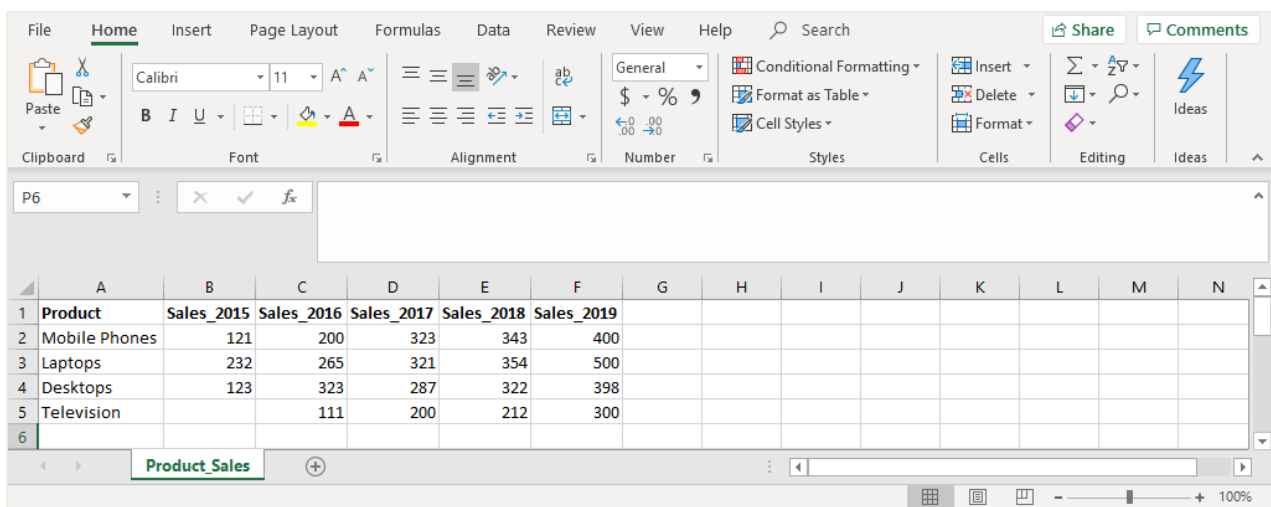edureka!

edureka!

# Demo II

**Pivoting data in Tableau Prep**

Pivoting helps take wide, short tables and turn them into tall, thin tables thereby, making it easier to analyse in Tableau. We have an excel sheet with a table that has sales data in it. It has six columns - one for the product and five for every year between 2015 and 2019. Each of these columns have the sales data for that year.
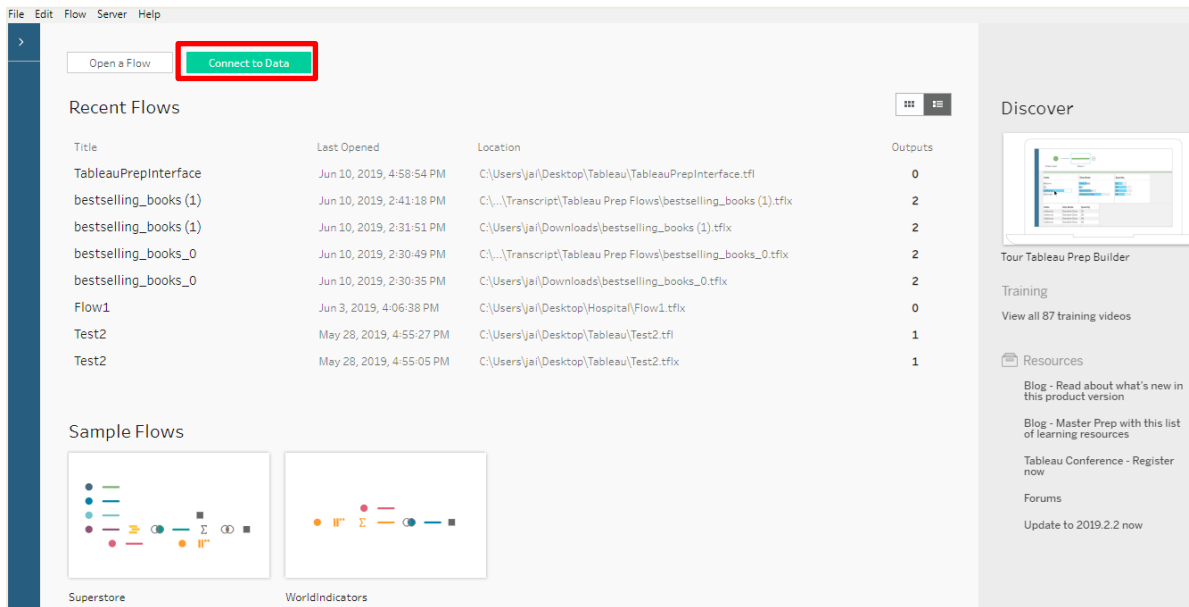
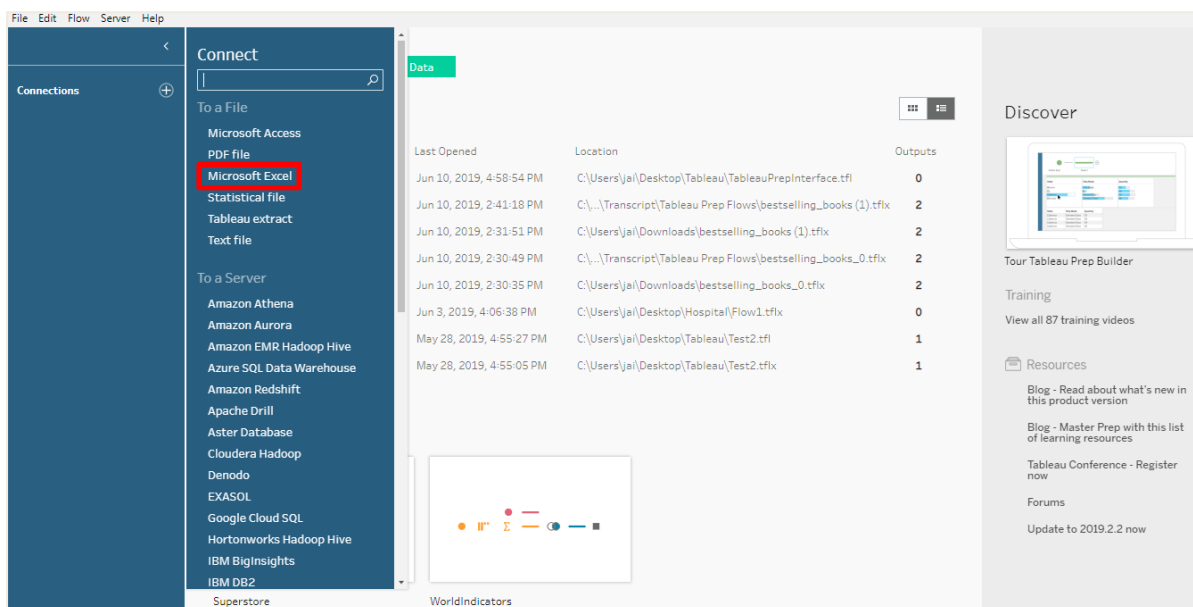| Product | Sales_2015 | Sales_2016 | Sales_2017 | Sales_2018 | Sales_2019 |
|---|---|---|---|---|---|
| Mobile Phones | 121 | 200 | 323 | 343 | 400 |
| Laptops | 232 | 265 | 321 | 354 | 500 |
| Desktops | 123 | 323 | 287 | 322 | 398 |
| Television | | 111 | 200 | 212 | 300 |

Reshape this data so that it is easier to analyse. We can achieve this by Pivoting data in Tableau.
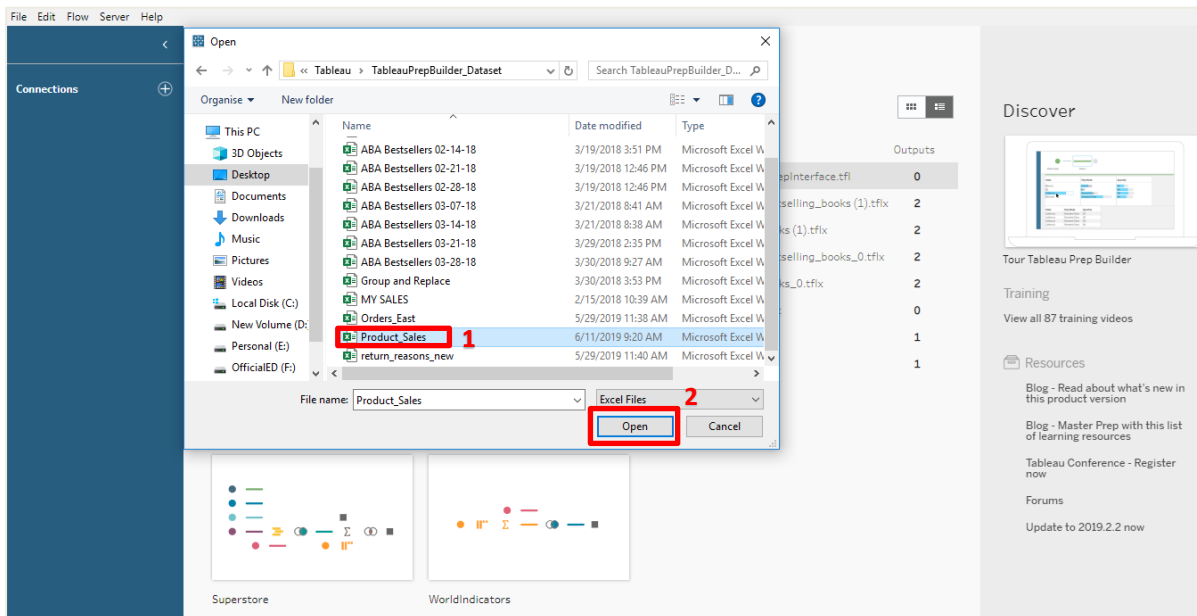
# Demo II – Solution

**Step 1:** Connect to the dataset.



**Step 2:** Select Microsoft Excel.

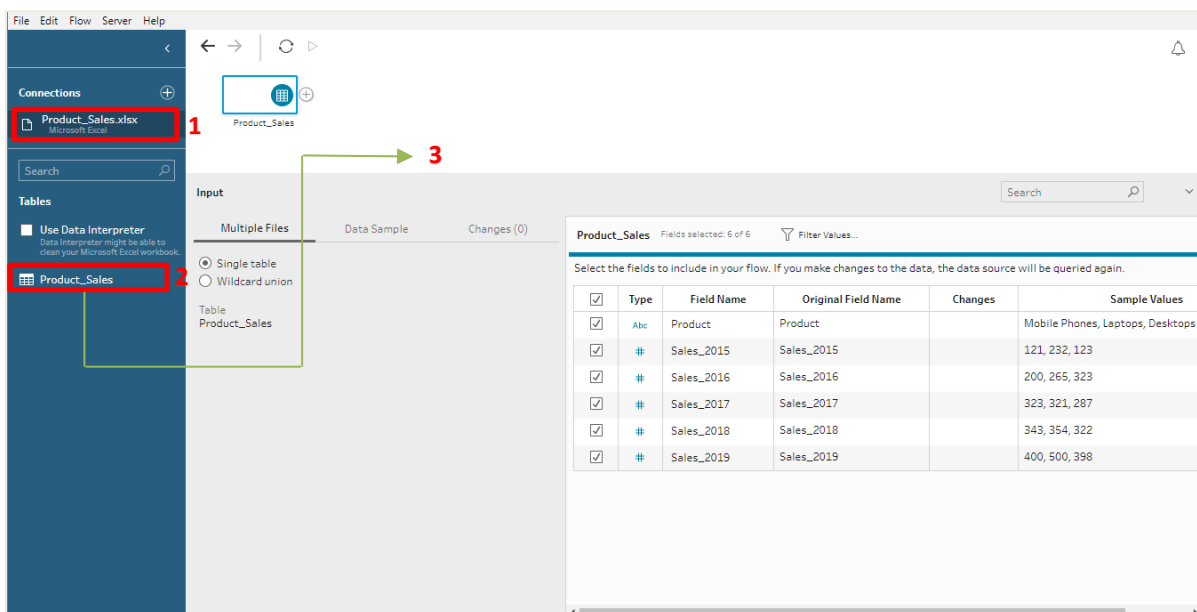**Step 3:** **1** → Select "Product_Sales" data set

**2** → Open the selected excel sheet



**Step 4:** **1** → Connection established with file: "Product_Sales"
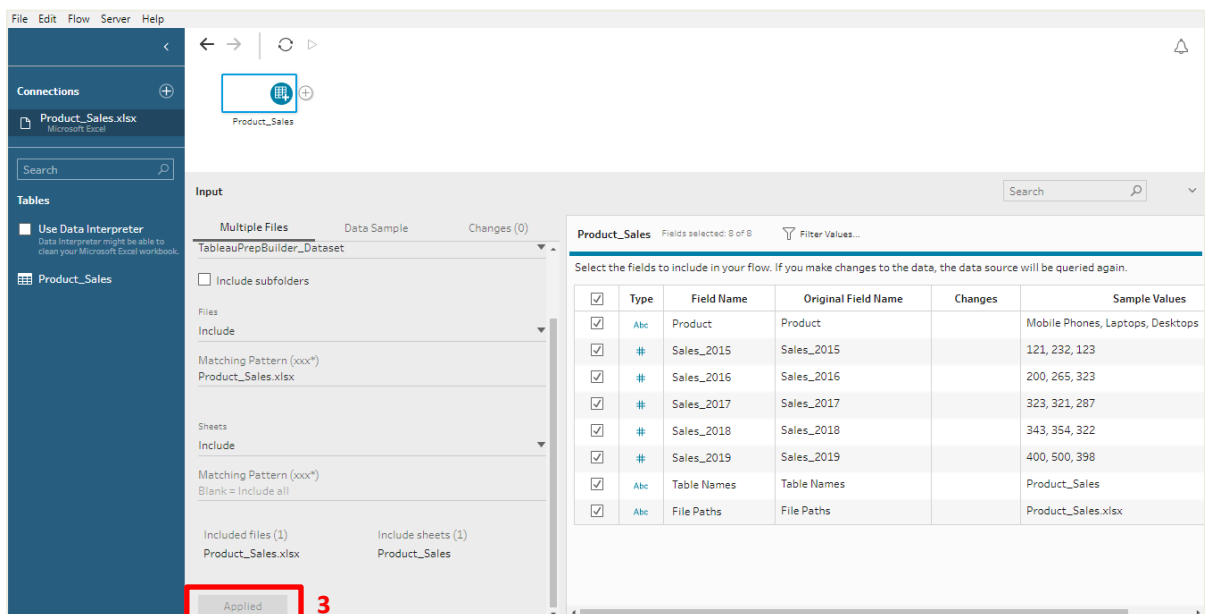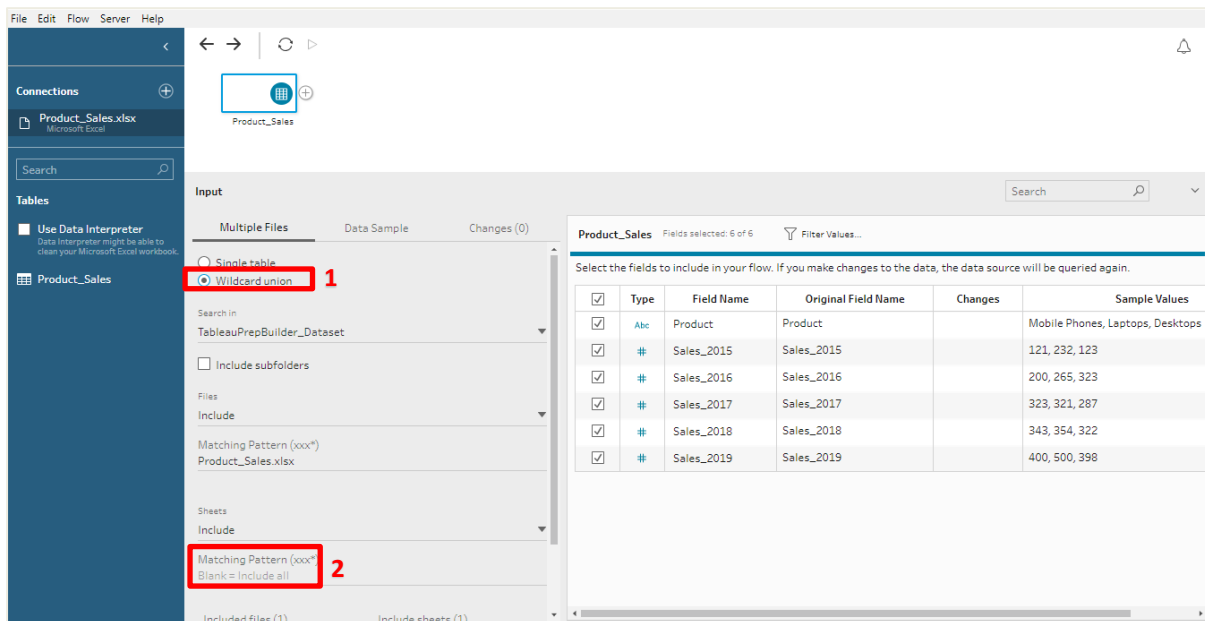
**2** → List of tables/sheet tabs in the dataset/file

**3** → Drag and drop "Product_Sales" table here

**Step 5:** **1** → Select "Wildcard union"

**2** → Leave Matching Pattern "Blank"

**3** → Click on Apply

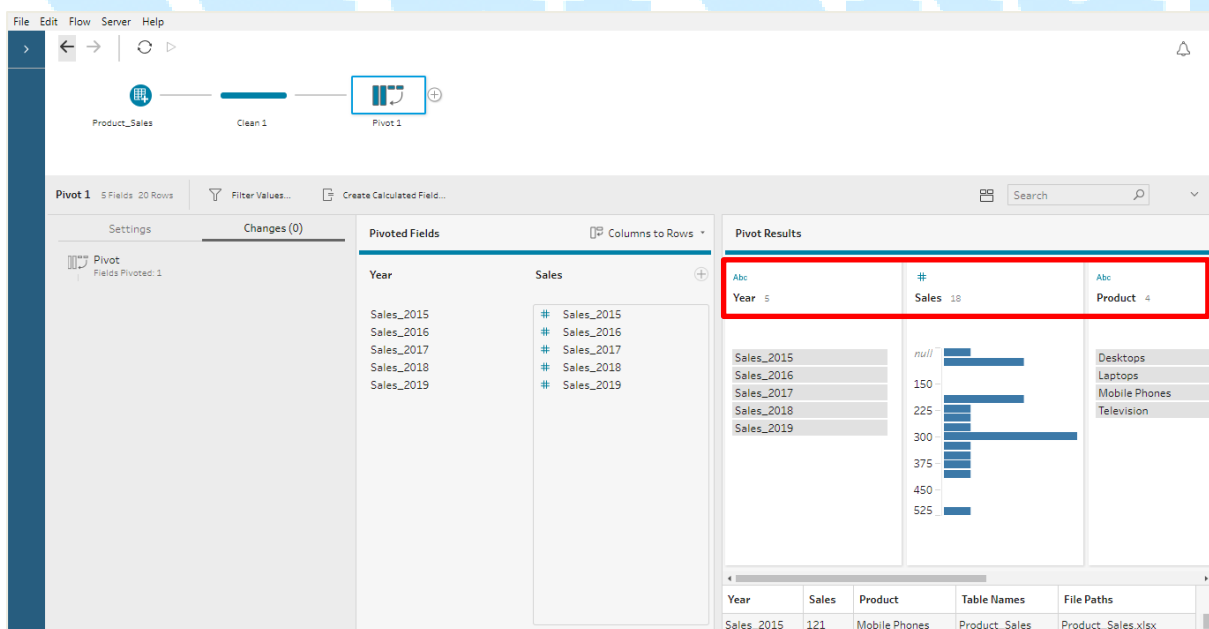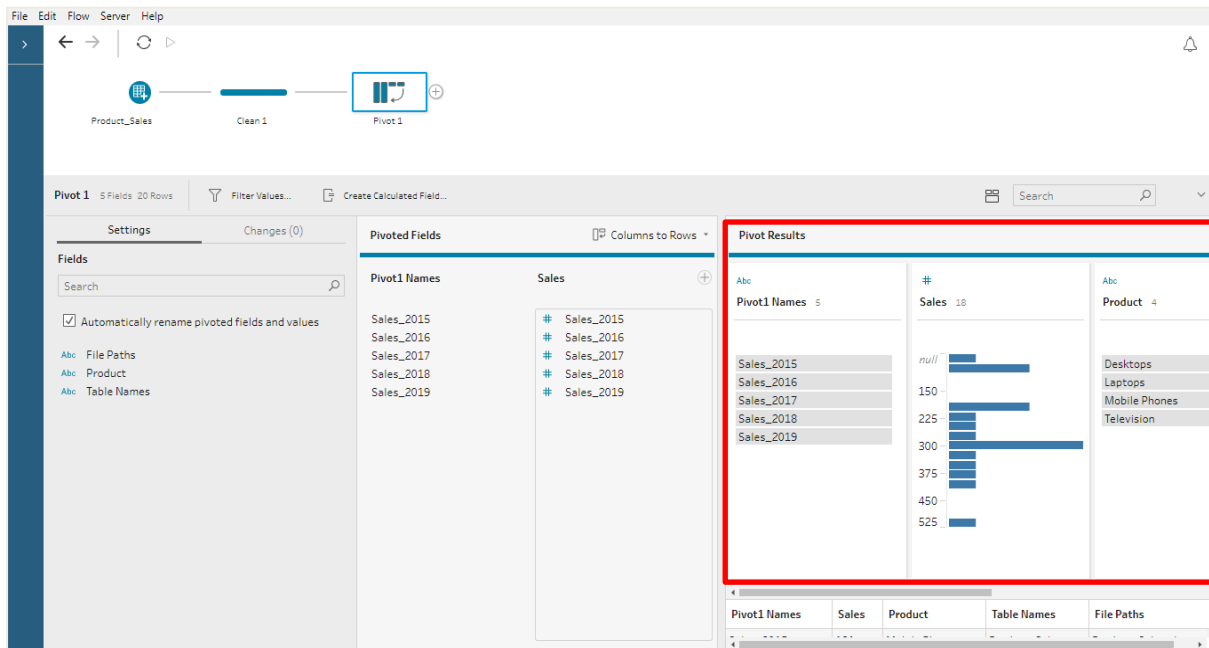## **Step 6:** Add a Cleaning Step

**Step 7:** Click on "+" button at Cleaning Step and select "Add Pivot".
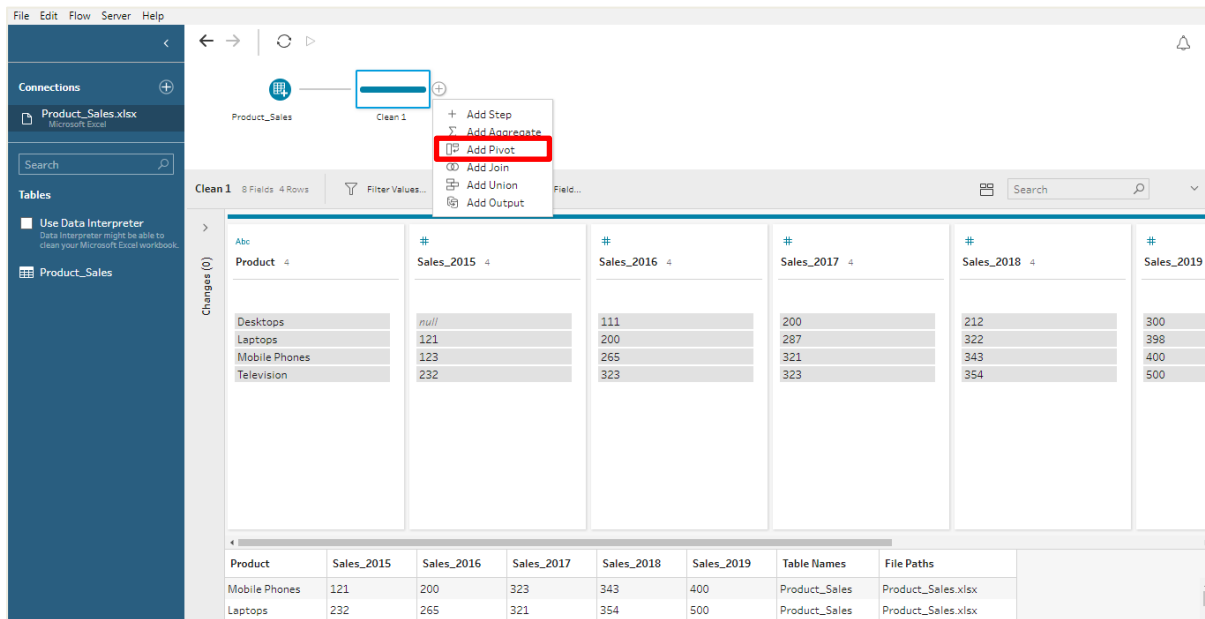


**Step 8:** Drag and drop the Sales fields for pivoting.
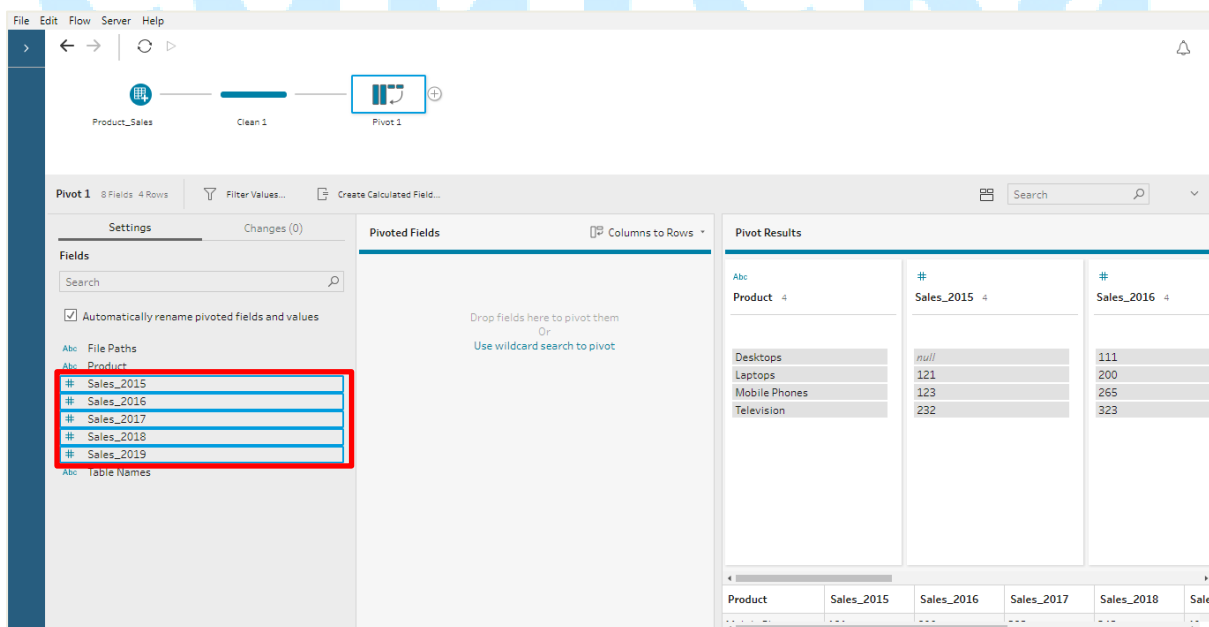
**Step 9:** Rename the columns as Year, Sales and Product.

**Step 10:** Add a Cleaning step. Now, our data is ready for analysis.