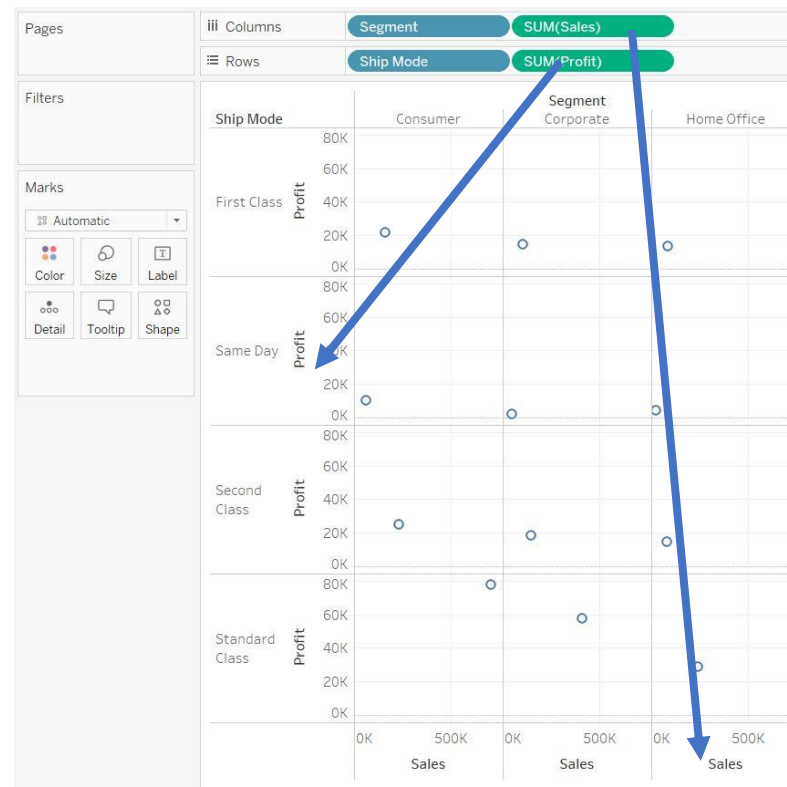


DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

If **Row** or **Columns** shelves contain both **dimensions** and **measures**, Tableau places the **measures** as the **innermost fields**, which means that **measures** are always to the **right of any dimensions** that we have also placed on these shelves. The word **innermost** in this case refers to the **table structure**.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

The **dimension** pills are **always first placed** before any **measure** pill in either **Rows** or **Columns** shelf. Even if we try to place a **dimension after** a **measure** an orange color dropdown carrot indicates that the **dimension** will be dropped before the **measure**

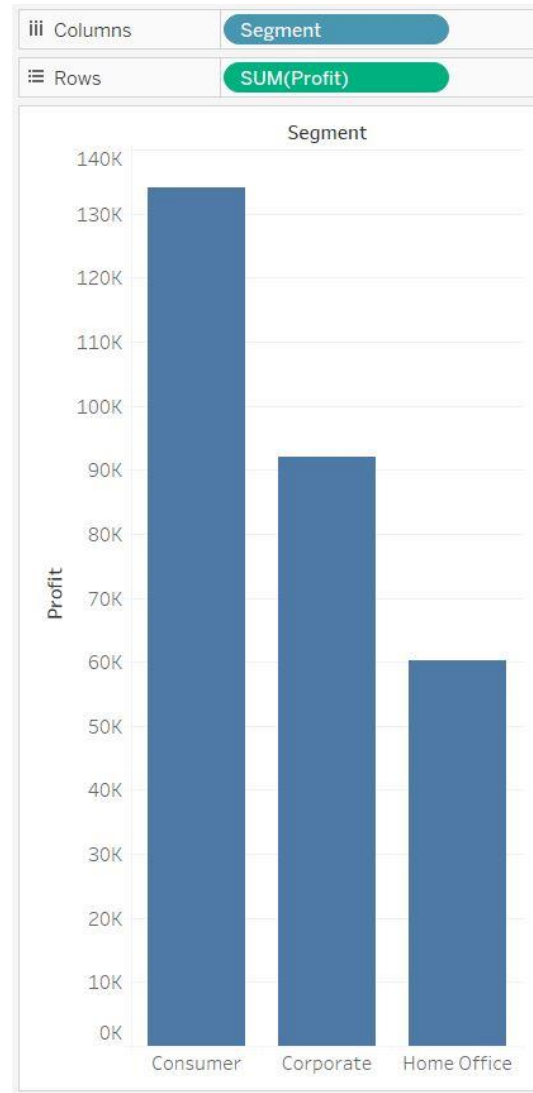
Columns	YEAR(Order Date)	SUM(Sales)
Rows	Region	

Columns	YEAR(Order Date)	SUM(Sales)	Segment
Rows	Region		

Hence Tableau **first places all dimensions** and finally places the **measures** (in either **Rows** or **Columns** shelf) irrespective of the number of dimensions in the view

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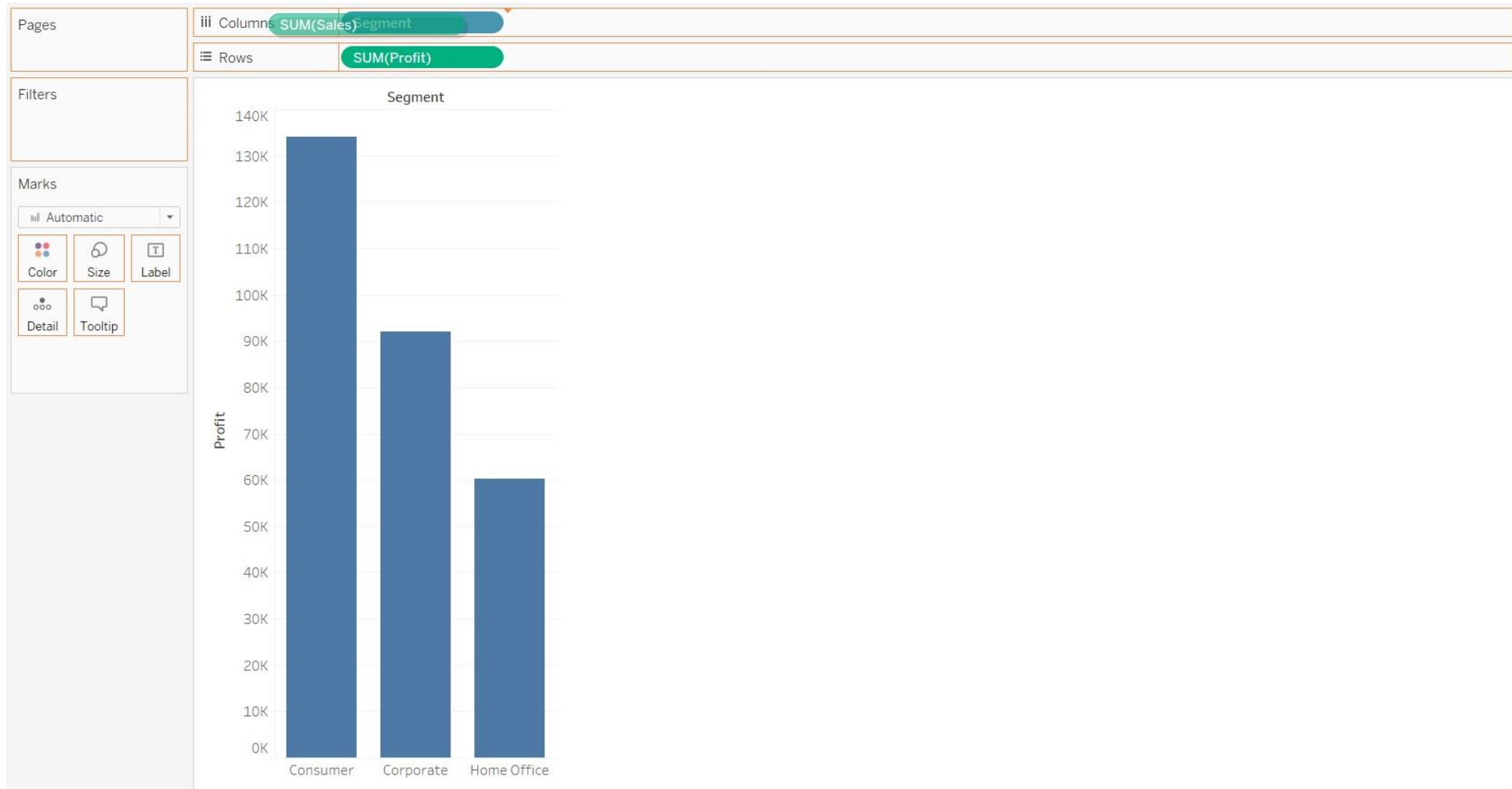
STEP 1: Consider we have the below viz of **Segment Vs Profit**



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 2: Drag and drop **Sales** in the **Columns** shelf before **Segment**.

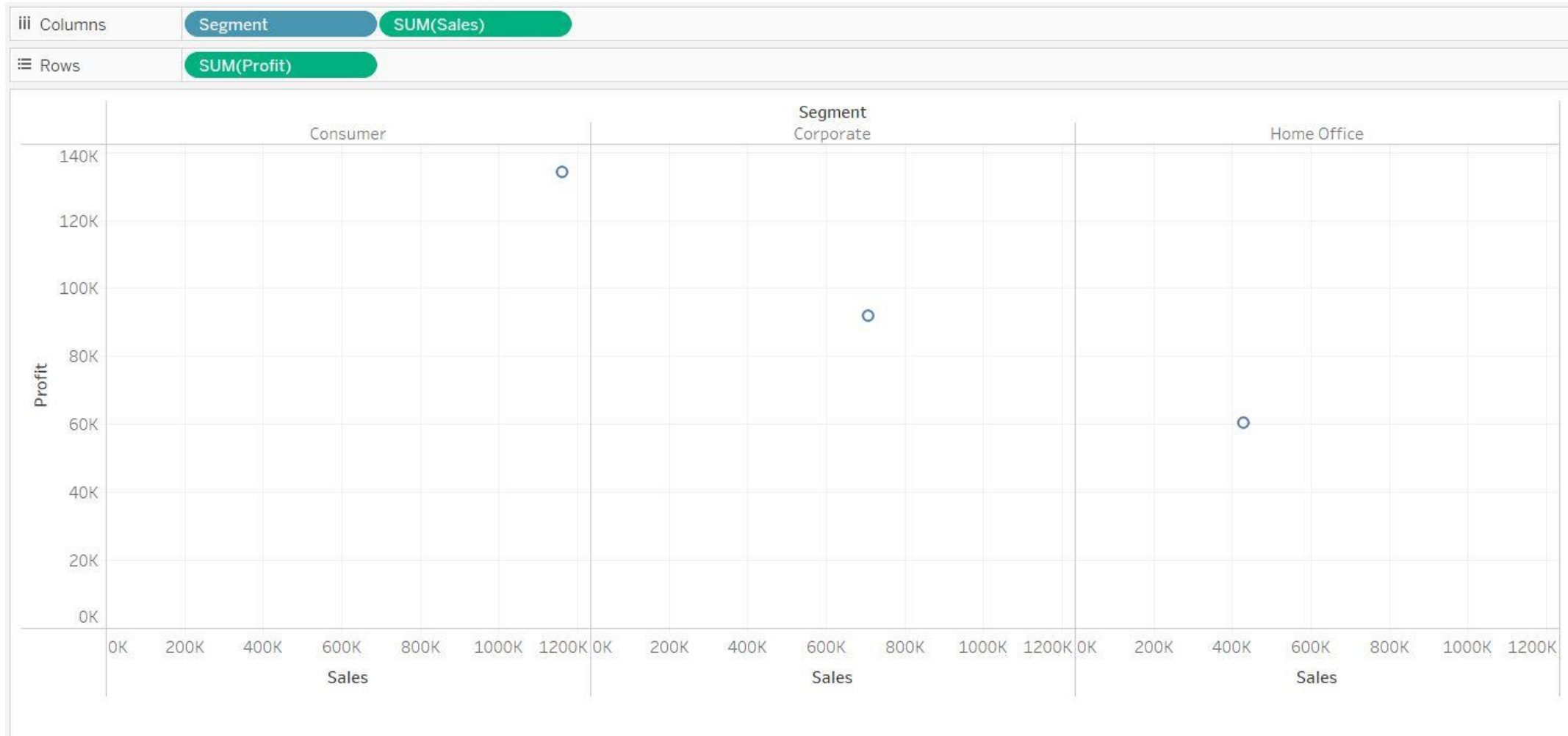
The orange color drop down carrot indicates it will be placed after **Segment**.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 3: The **Sales** is placed after **Segment** in the **Columns** shelf.

This results in **Scatter plots** of **Sales** and **Profit** for all members of **Segment**



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 4: Drag and drop **Ship Mode** in the **Rows** shelf after **Profit**.

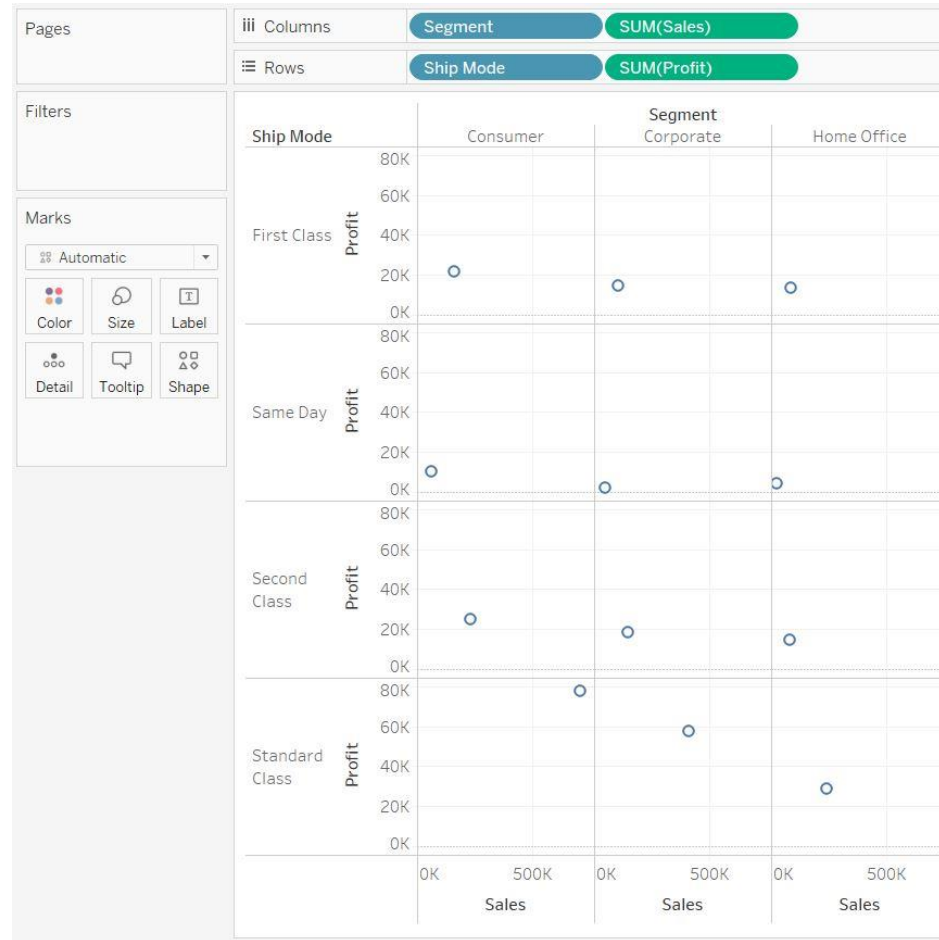
The orange color drop down carrot indicates it will be placed before **Profit**.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

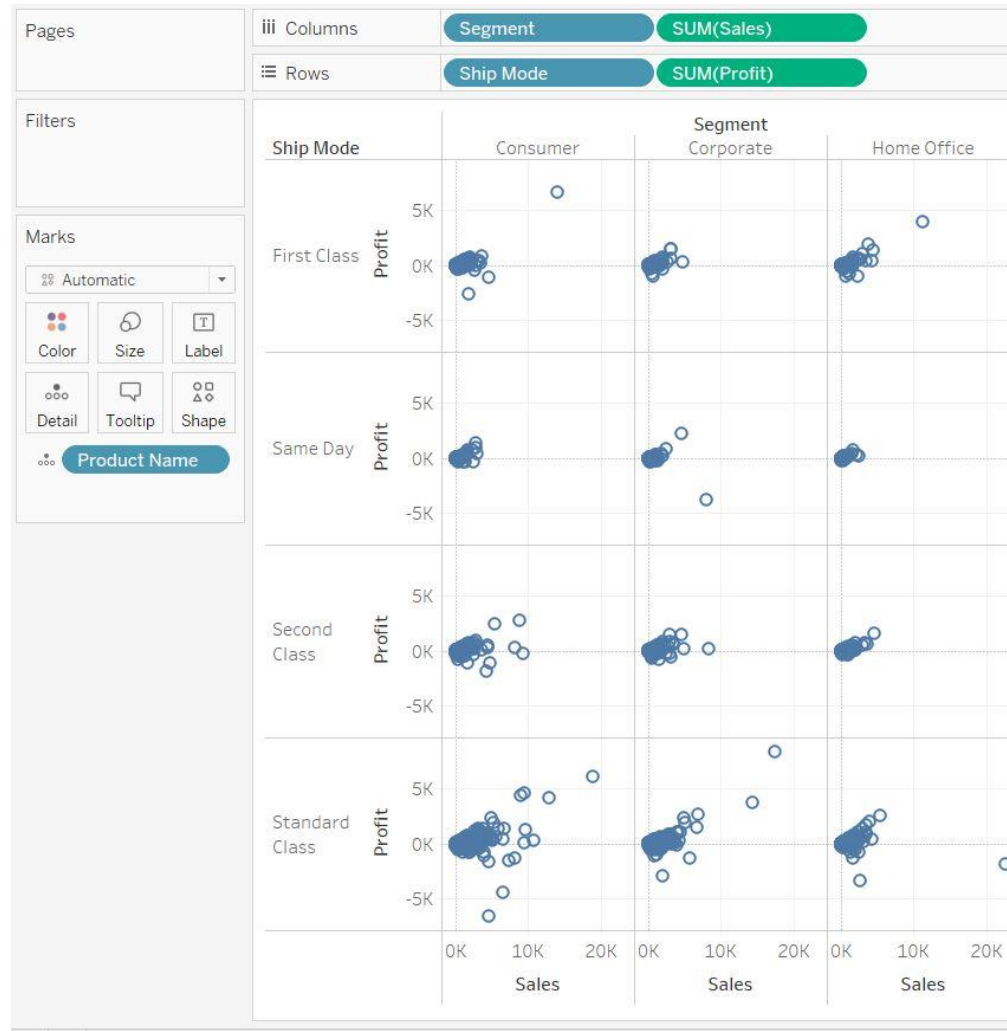
STEP 5: The **Ship Mode** is placed before **Profit** in the **Rows** shelf.

This results in **Scatter plots** of **Sales** and **Profit** for all members of **Segment** and **Ship Mode**.



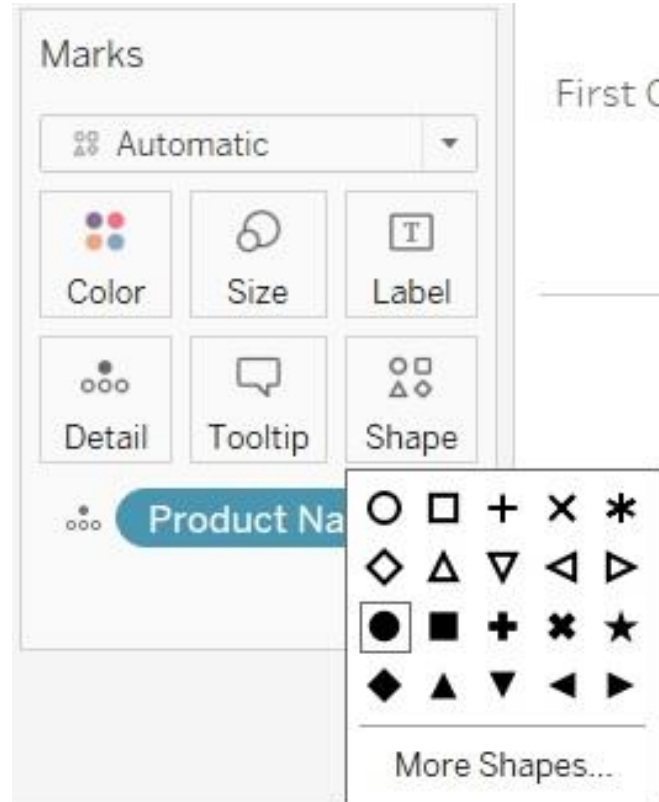
DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 6: Drag and drop **Product Name** on **Detail** of Marks card.
Each scatter plot is broken down by Products.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 7: If required we can change the Shape of the mark



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

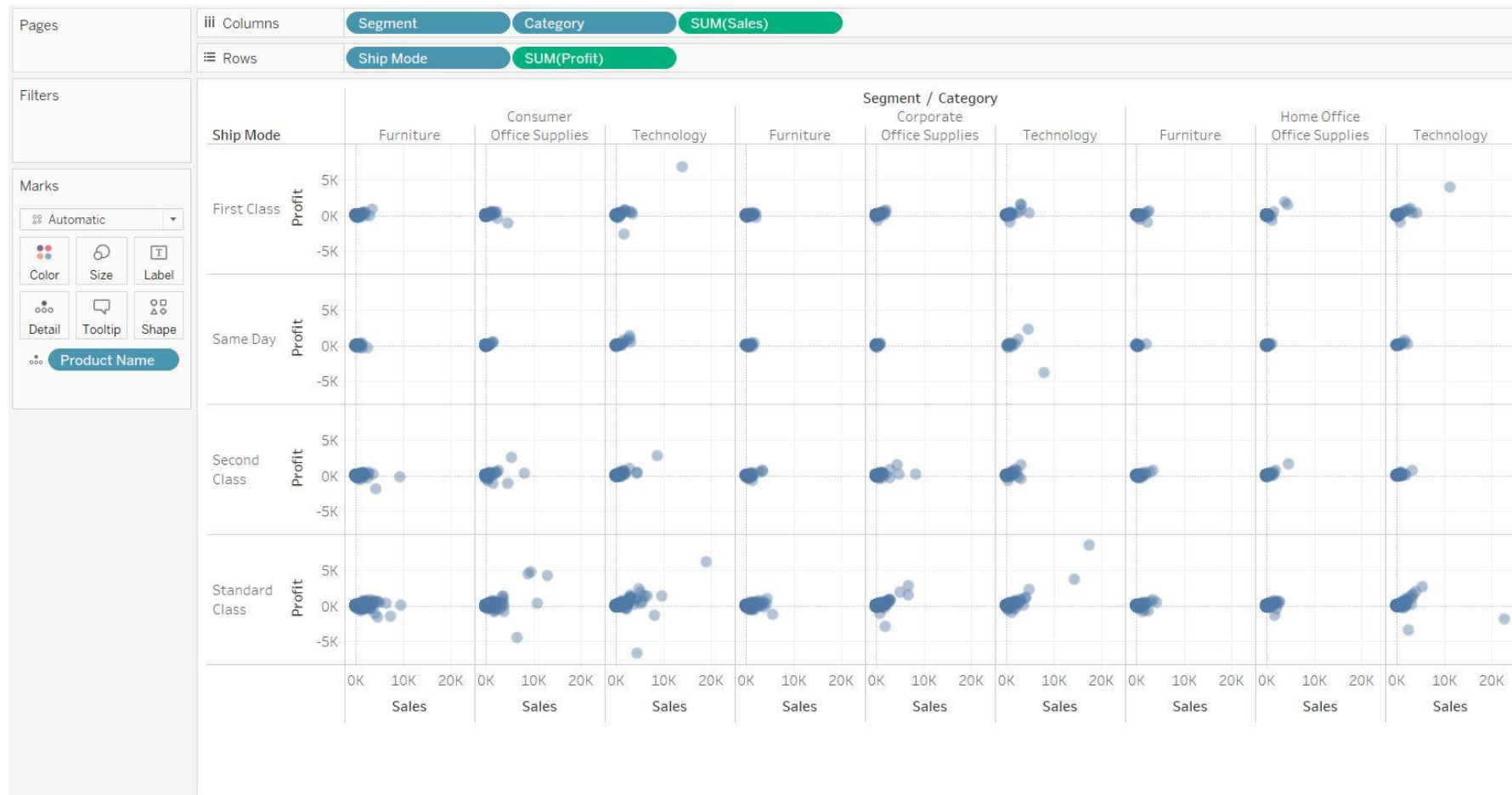
STEP 8: Drag and drop **Category** in the **Columns** shelf after **Sales**.

The orange color drop down carrot indicates it will be placed before **Sales**.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

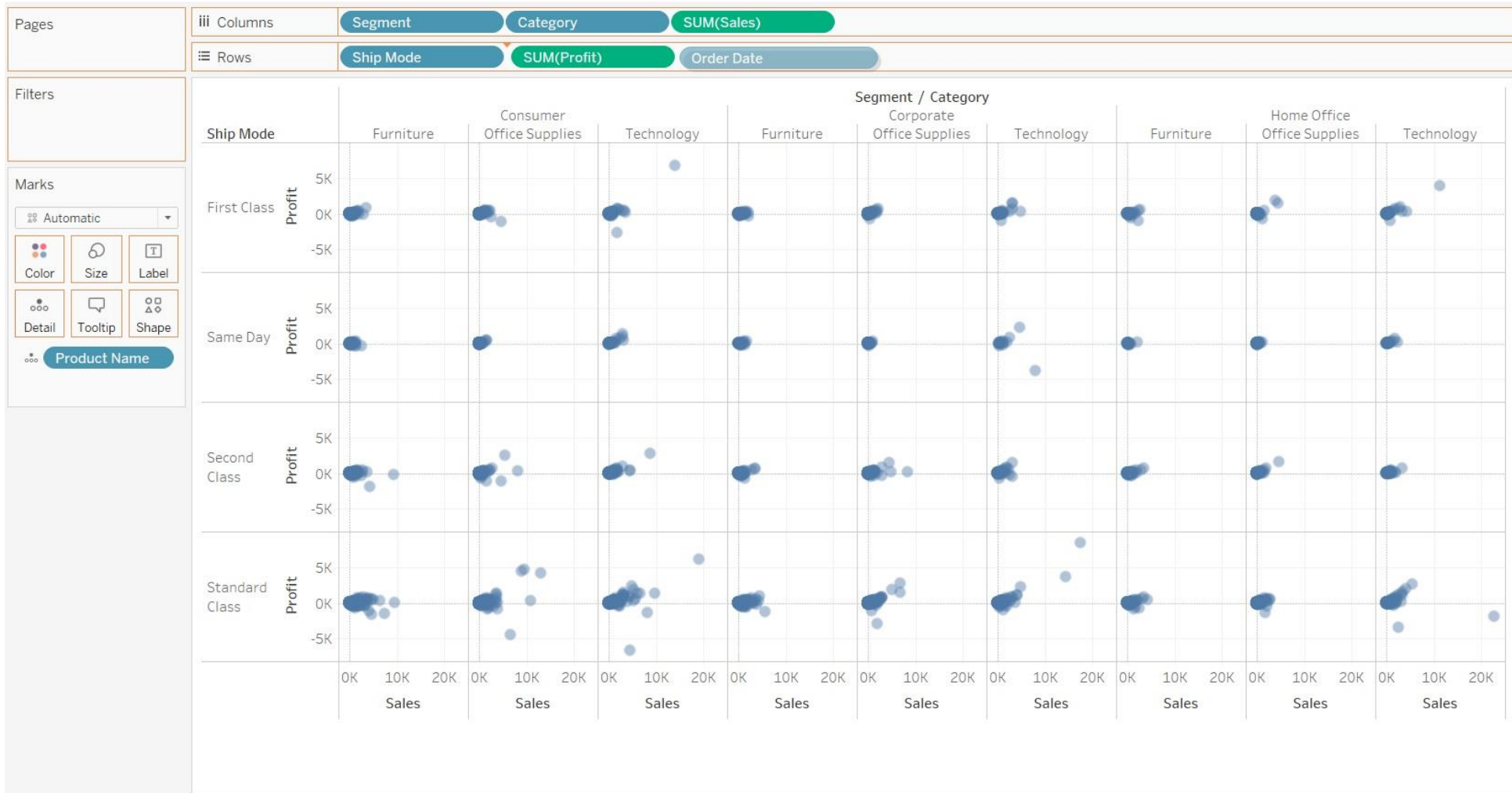
STEP 9: The **Category** is placed before **Sales** in the **Columns** shelf.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 10: Drag and drop **Order Date** in the **Rows** shelf after **Profit**.

The orange color drop down carrot indicates it will be placed before **Profit**.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 11: The **YEAR(Order Date)** is placed before **Profit** in the **Rows** shelf.



DIMENSION PILLS ARE ALWAYS FIRST PLACED BEFORE ANY MEASURE PILL IN EITHER ROWS OR COLUMNS SHELF

STEP 12: We can add **Region** on **Color** of **Marks** card.

We can reduce the number of marks by filtering the view for limited members of **Ship Mode** and **YEAR(Order Date)**.

