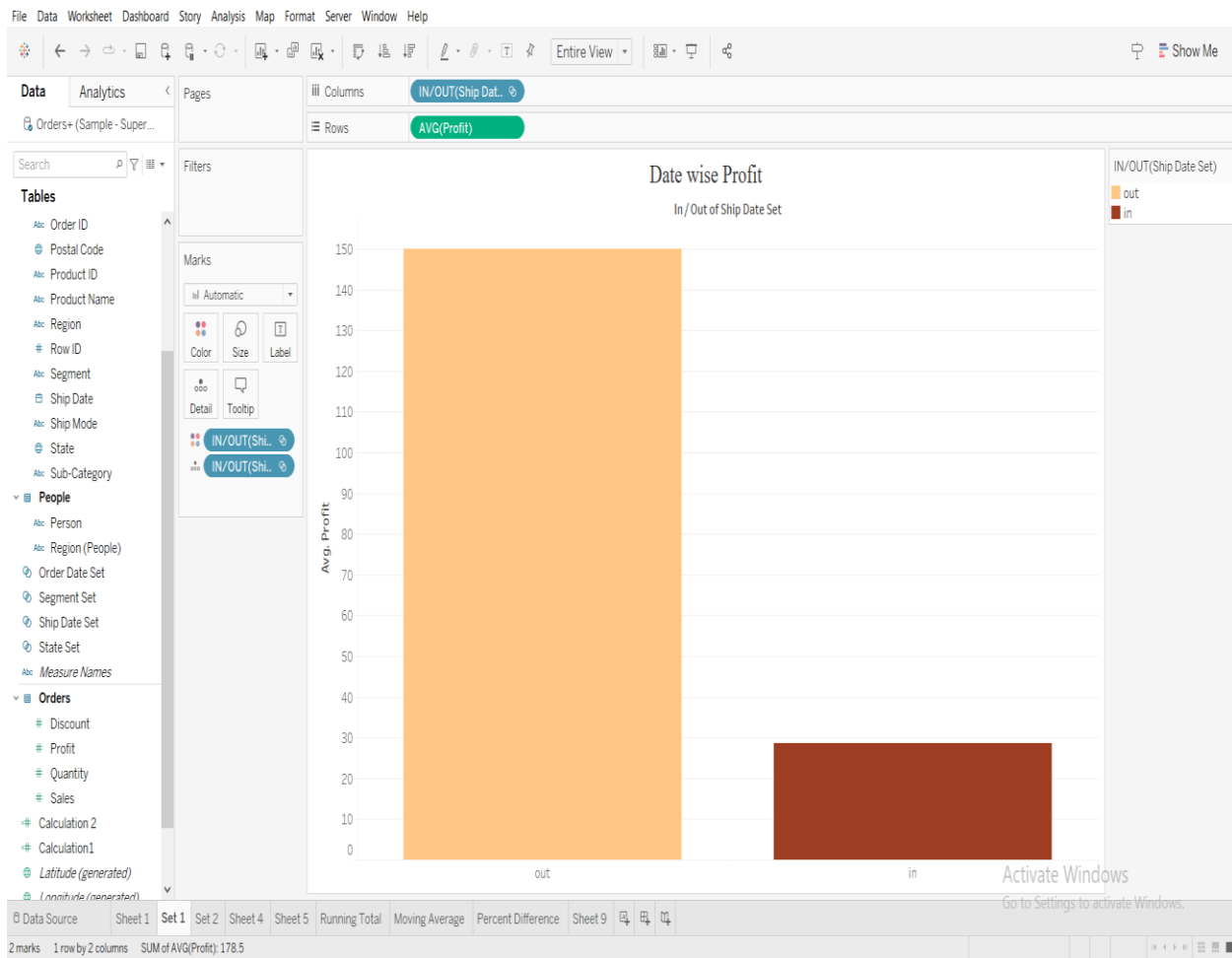


# DATA ANALYTICS WITH TABLEAU

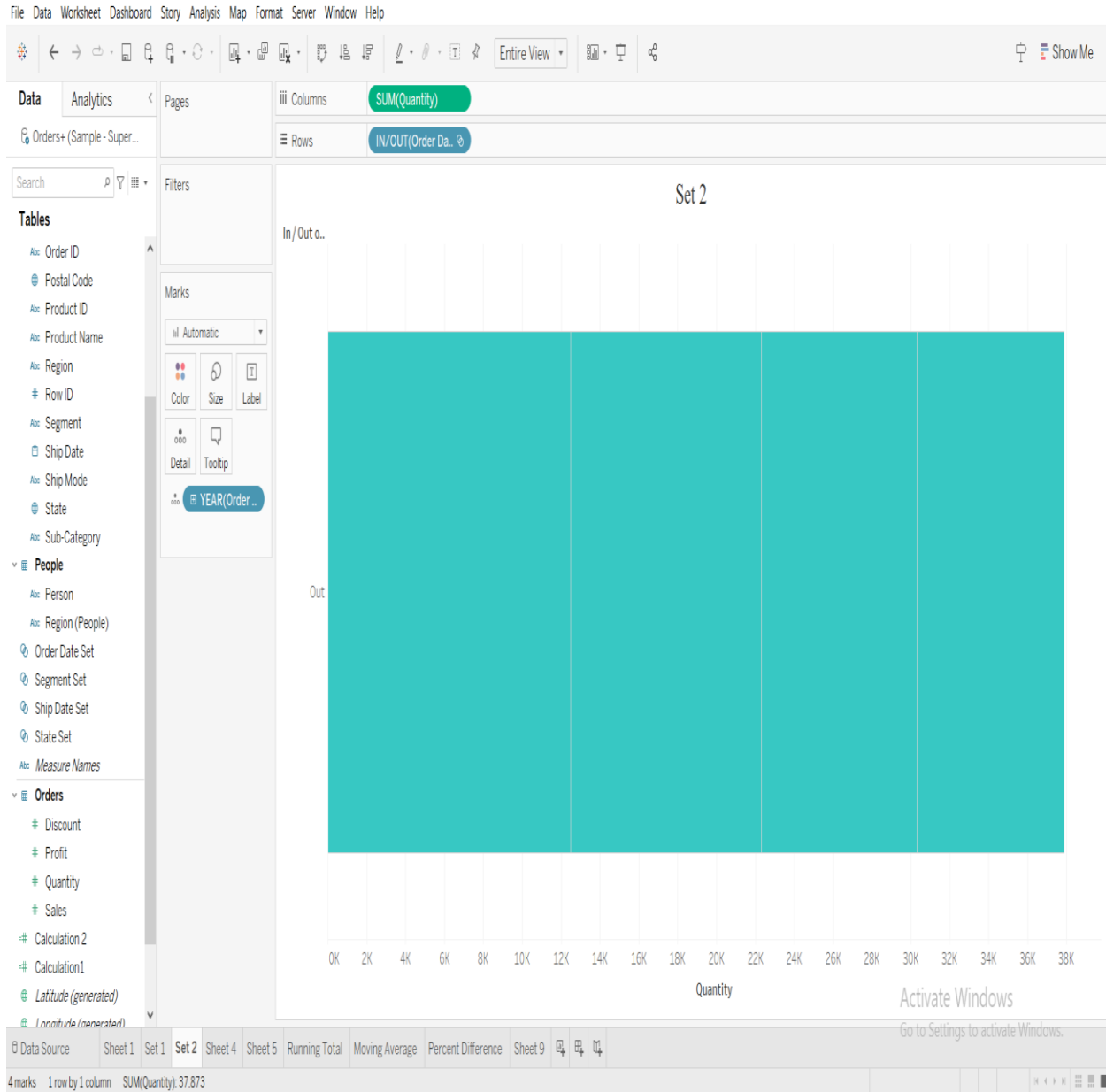
## ASSIGNMENT – 3

### Sets based on specific criteria

#### Set 1

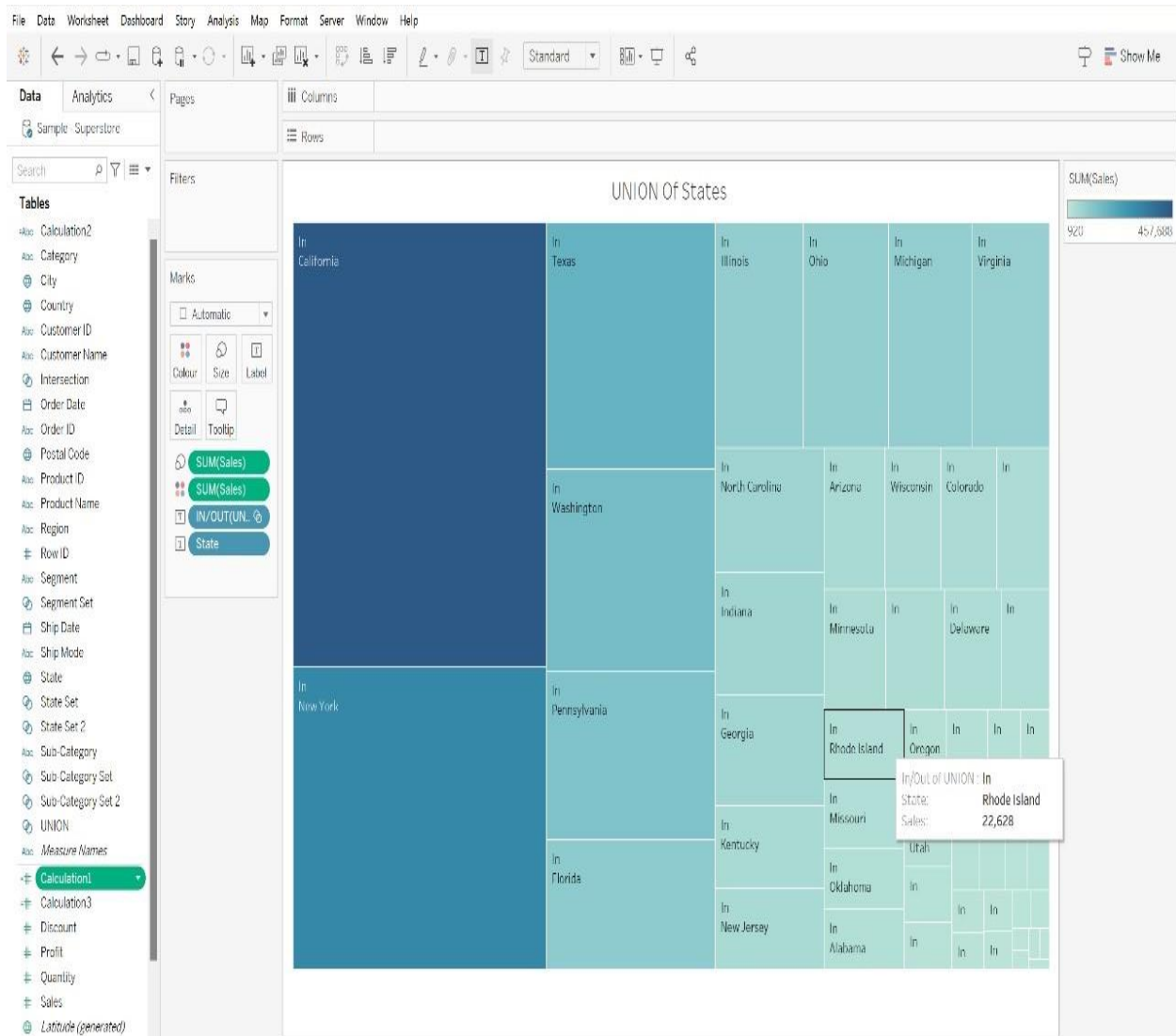


## Set 2

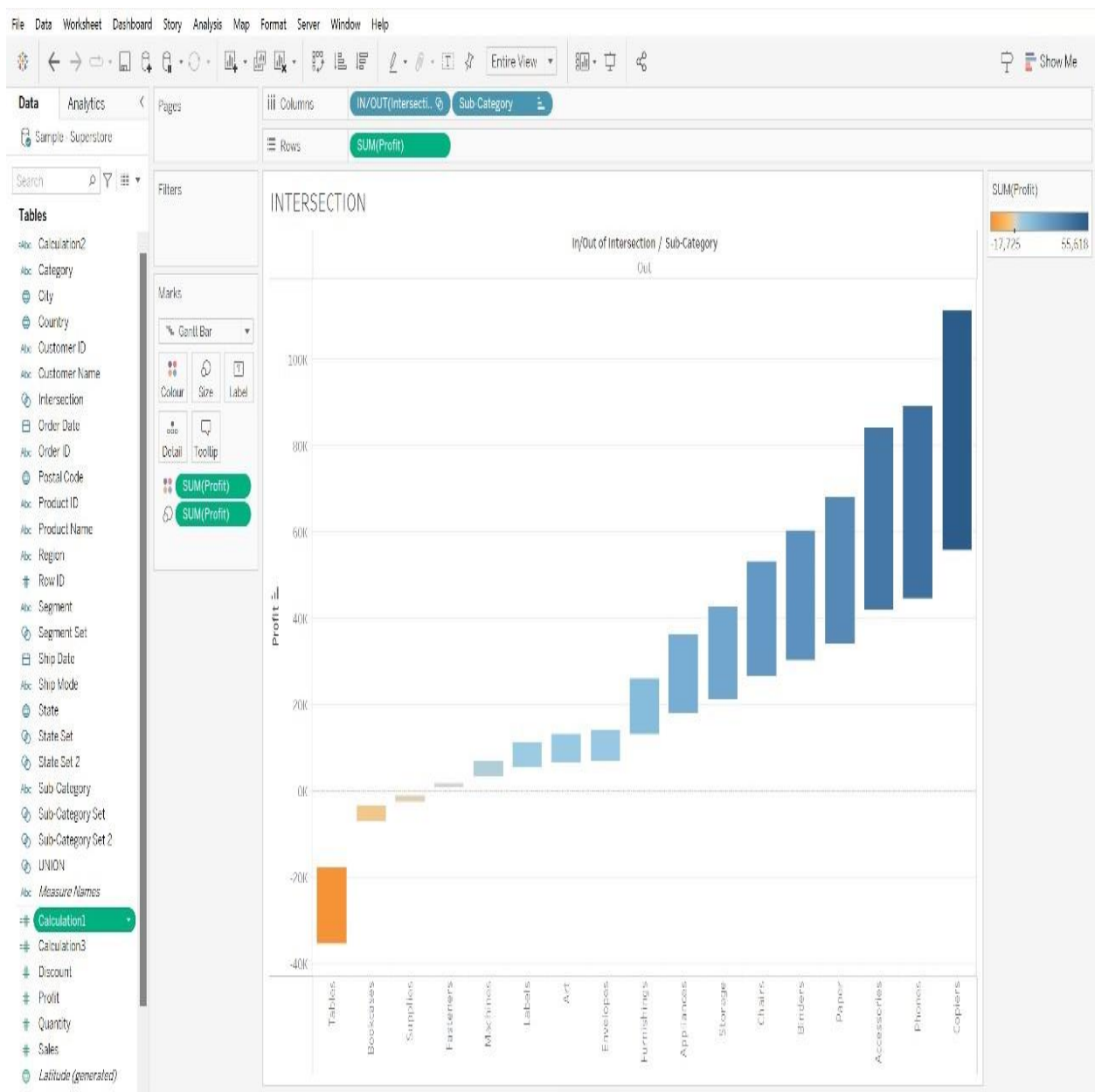


# Experiment with combining sets using UNION, INTERSECT operations

## UNION



# INTERSECTION



## Create 2 Calculation field using any aggregate function

The screenshot shows the Tableau Desktop interface with the 'Calculation Fields' dialog box open. The dialog box contains the following information:

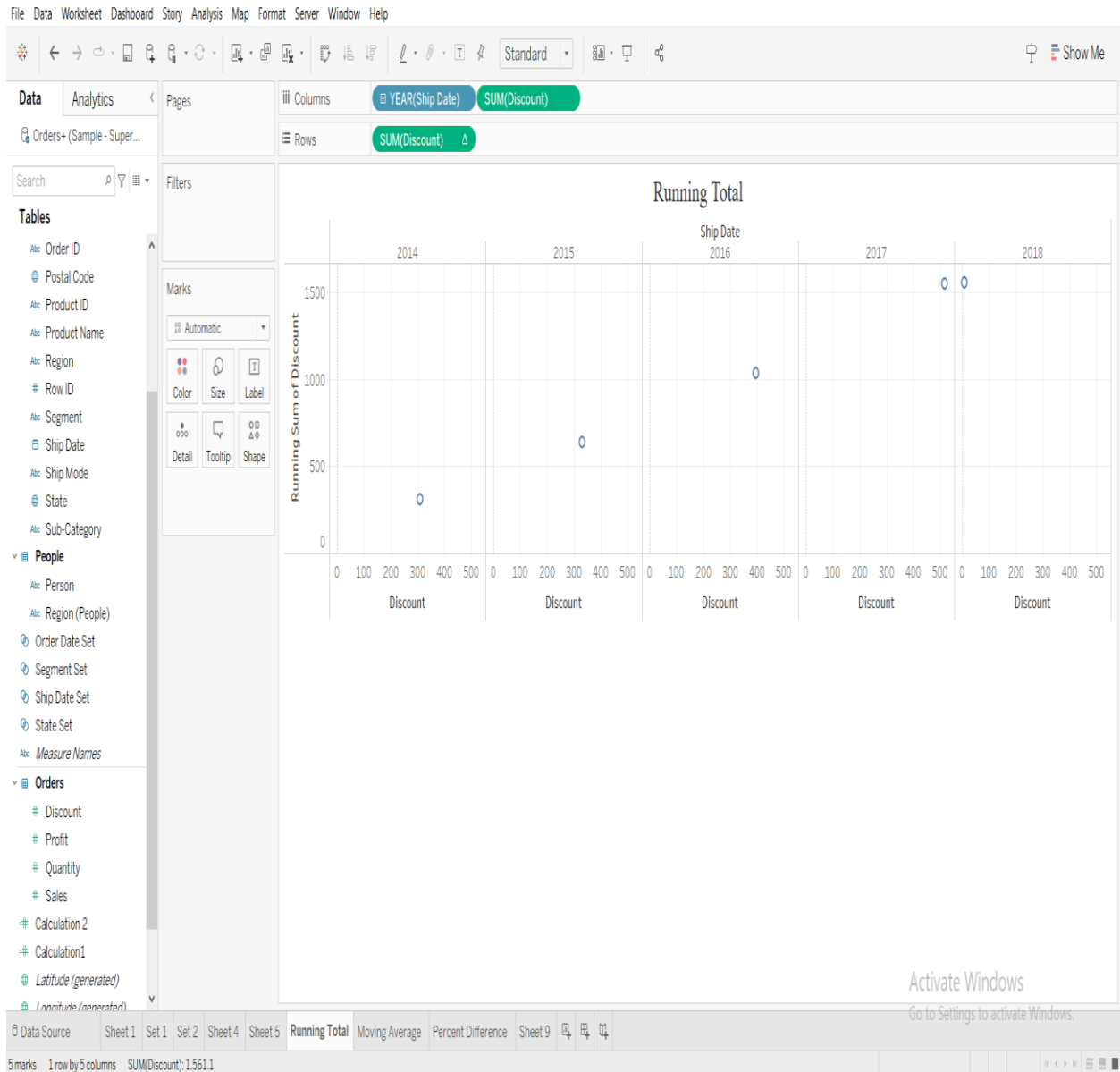
- Calculation1** (Name)
- Formula:**  $\text{SUM}([\text{Profit}]) - (\text{SUM}([\text{Discount}]))$
- Dependencies:** 2
- Status:** The calculation is valid
- Buttons:** Apply, OK

The background interface shows the 'Columns' shelf with 'Measure Names' and the 'Rows' shelf with 'Sub-Category' and 'Category'. The 'Data Guide' panel on the right shows the 'Calculation Fields' section with a description field and additional resources. The 'Data in This Viz' section shows the data source 'Sample - Superstore' and the fields 'Category', 'Measure Names', 'Sub-Category', and 'Measure Values'.

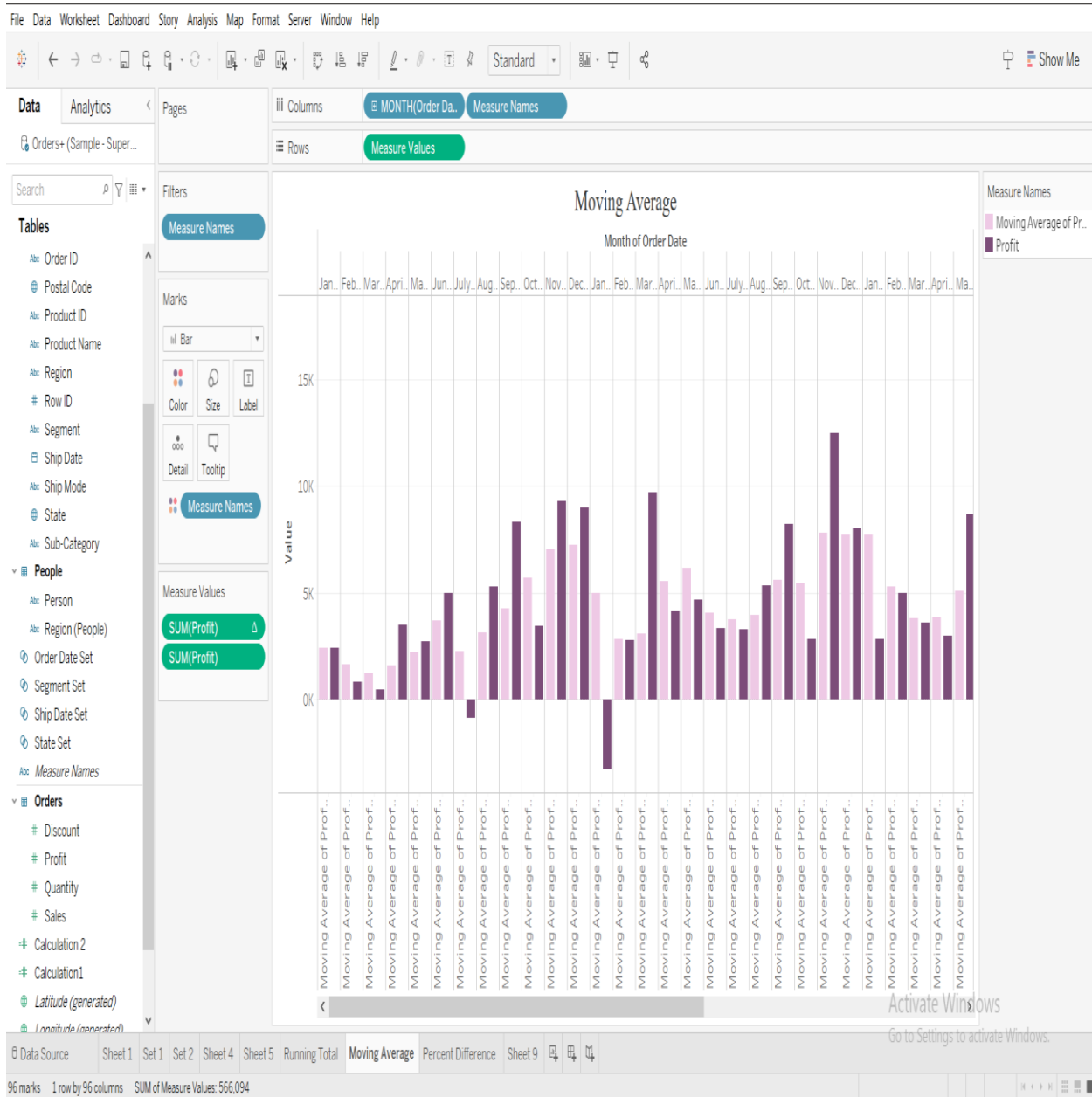
Sub-Catego..	Category	Calcula..	Calcula..
Accessories	Technology	41,876	214,530
Appliances	Office Supplies	18,060	97,774
Art	Office Supplies	6,468	32,710
Binders	Office Supplies	29,655	137,437
Bookcases	Furniture	-3,521	-20,823
Chairs	Furniture	26,465	151,465
Copiers	Technology	55,807	251,546
Envelopes	Office Supplies	6,944	30,918
Fasteners	Office Supplies	932	5,162
Furnishings	Furniture	12,921	-1,904
Labels	Office Supplies	5,521	31,361
Machines	Technology	3,350	26,561
Paper	Office Supplies	33,951	168,007
Phones	Technology	44,378	218,944
Storage	Office Supplies	21,216	110,941
Supplies	Office Supplies	-1,204	-5,062
Tables	Furniture	-17,809	-93,015

# Create any 3 visualization using quick Table Calculations

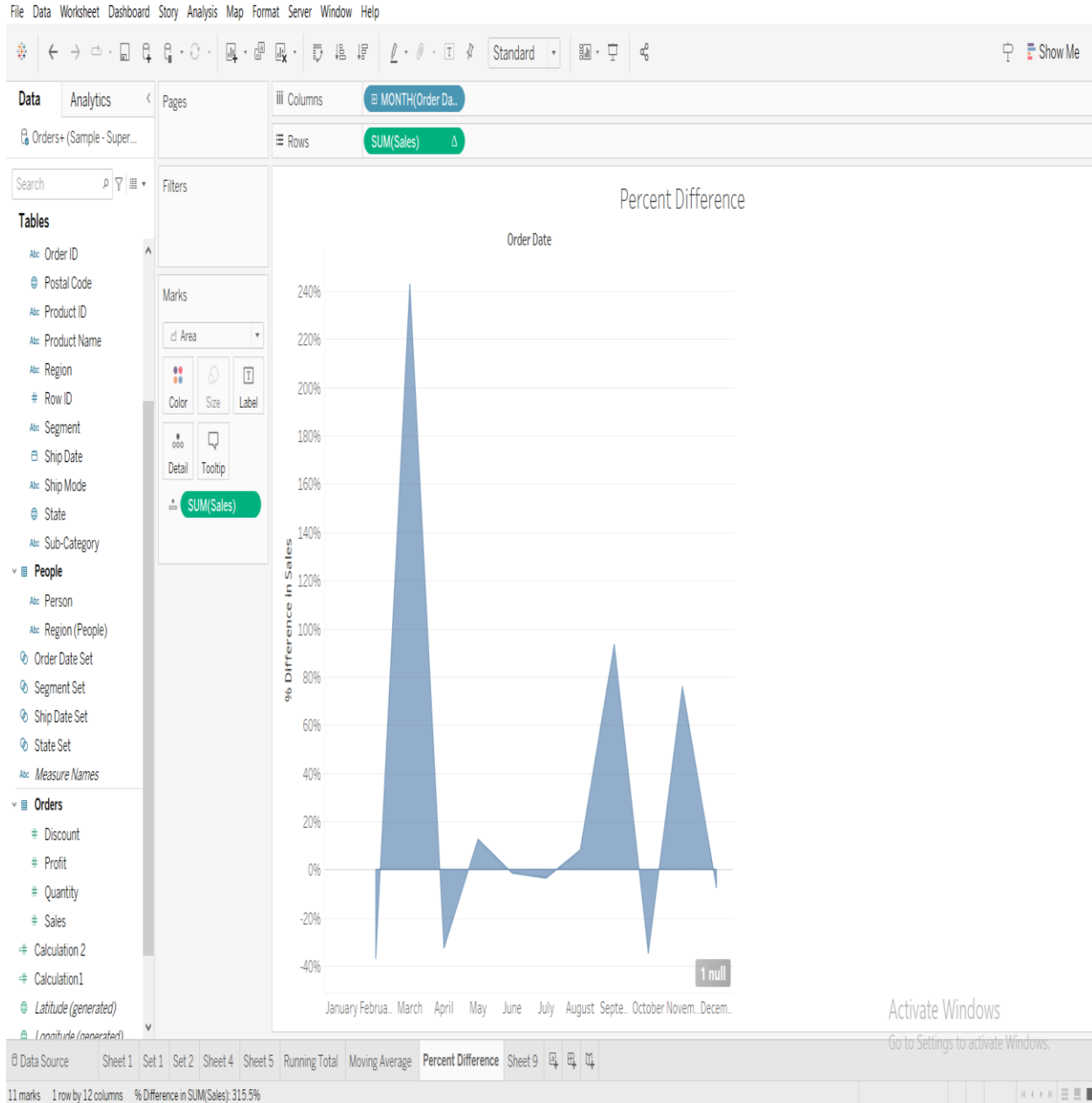
## Running Total



## Moving Average



# Percent Difference



END