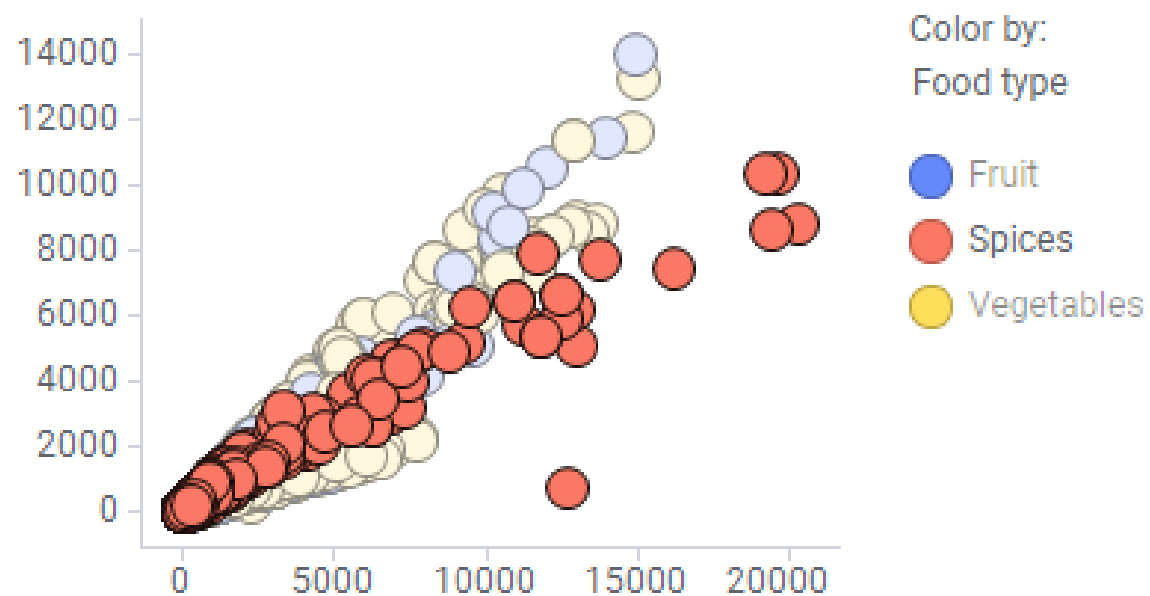
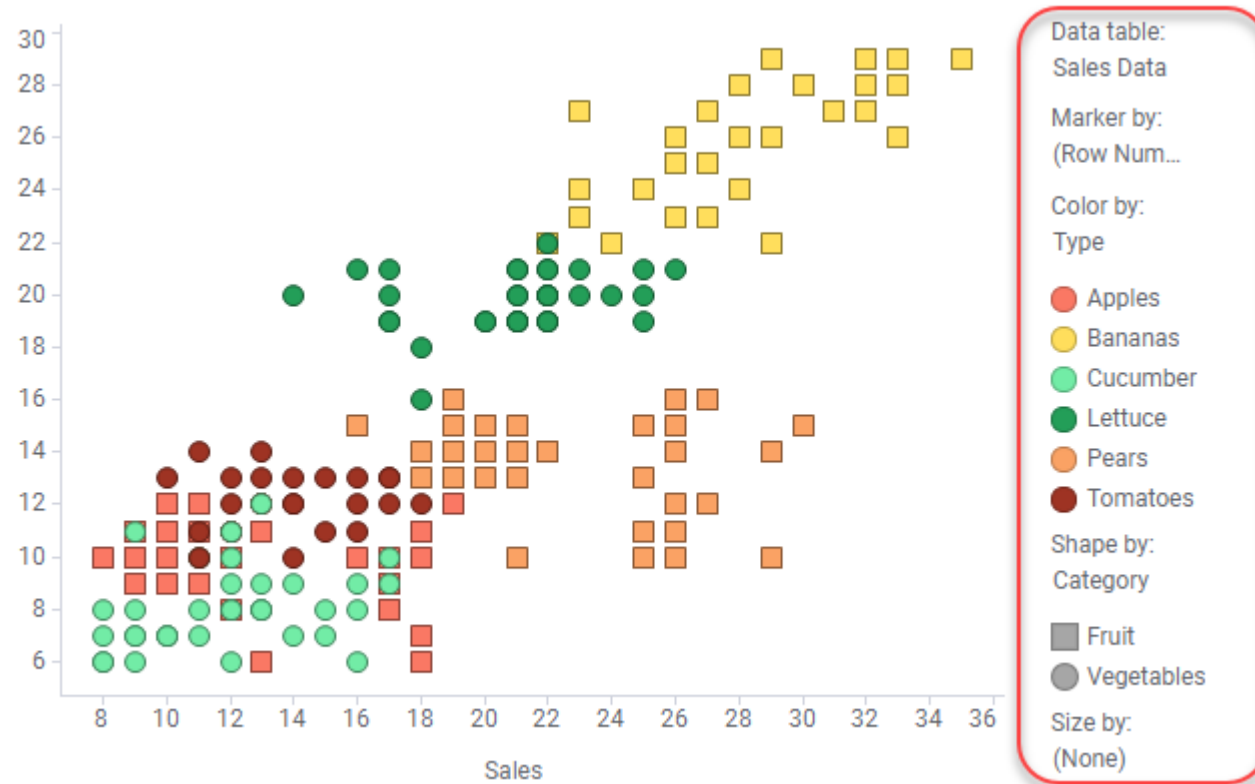


Interacting with Visualizations

Marking



Columns and Legends



Multiple Data Tables

Category	Type	Sales 2017
Fruit	Apples	19000
Fruit	Pears	22000
Fruit	Bananas	29000
Vegetables	Cucumber	12000
Vegetables	Carrot	25000
Vegetables	Lettuce	19000

Category	Type	Sales 2018
Fruit	Apples	25000
Fruit	Pears	21000
Fruit	Bananas	31000
Vegetables	Cucumber	13000
Vegetables	Carrot	20000
Vegetables	Lettuce	17000

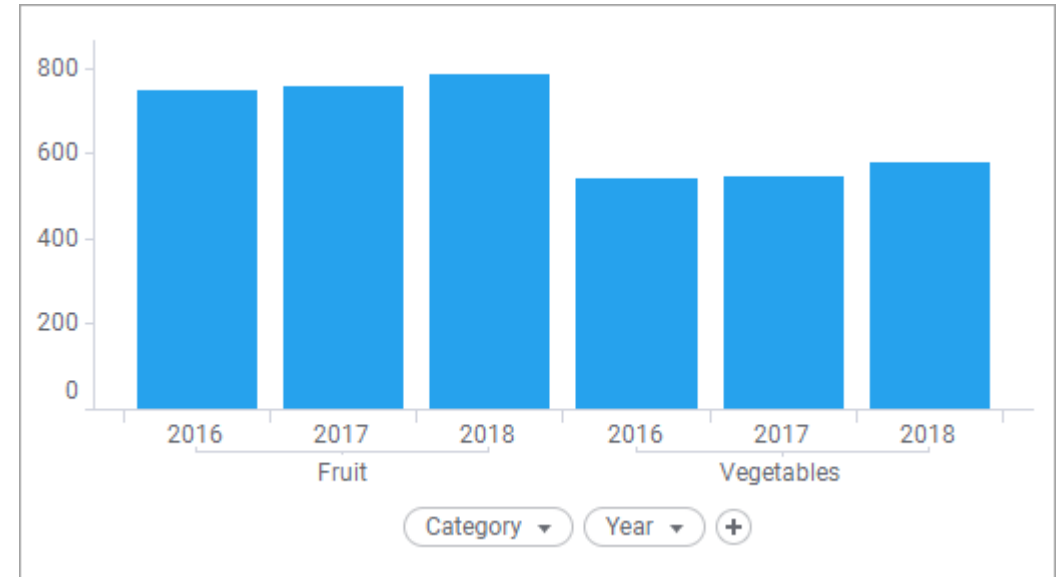
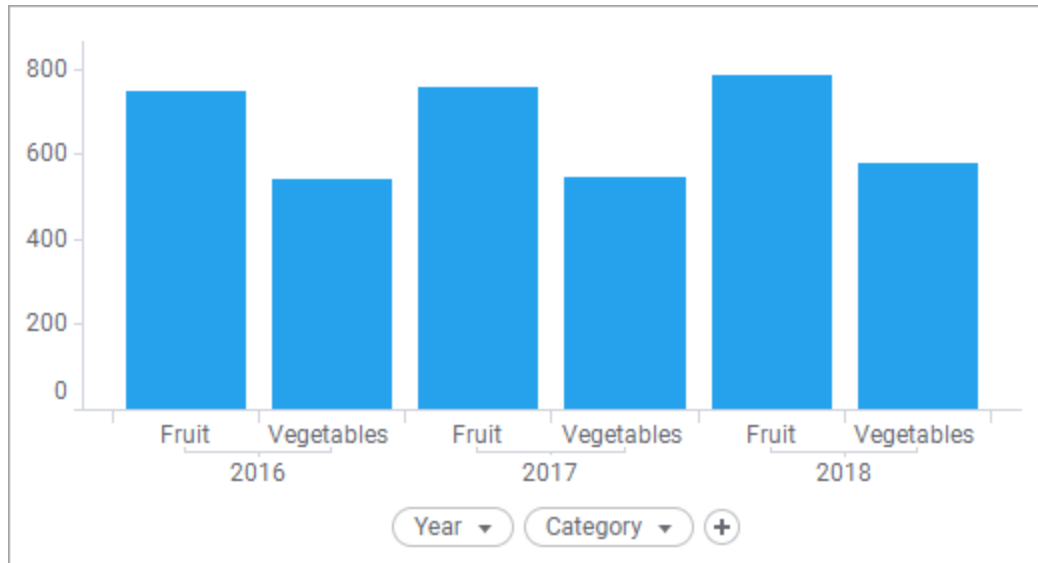
Comparing the data in the two data tables above in a bar chart does not require any special adjustments. Just load the two data tables into Spotfire, create the bar chart, select one of the categorical columns on the category axis, and then select the two columns 'Sales 2017' and 'Sales 2018' on the value axis.

Multiple Data Tables – Levels of Detail

Category	Type	Target
Fruit	Apples	25000
Fruit	Pears	21000
Fruit	Bananas	31000
Vegetables	Cucumber	13000
Vegetables	Carrot	20000
Vegetables	Lettuce	17000

Transaction	Category	Type	Sales
FA-001	Fruit	Apples	1840
FA-002	Fruit	Pears	2300
FA-003	Fruit	Bananas	4560
FA-004	Vegetables	Cucumber	1875
FA-005	Vegetables	Carrot	5425
FA-006	Vegetables	Lettuce	1245
FA-007	Vegetables	Cucumber	6548
FA-008	Fruit	Apples	4123
FA-009	Fruit	Bananas	1234
FA-010	Vegetables	Carrot	1111

Hierarchies



Exercise

You will use the flight delay data (flight-delays-1to14.csv and flight-delays-15to30.csv) in the course repository.

- Create a bar chart comparing side by side the departure delay on Jan 1-14 and Jan 15-30.
- Now create a new table combining the full information of these two files (all the rows).
- Create a visualization showing the average delay (arrival + departure) per carrier.