

Year	Location	Quarter	Retailer			
			Toyota	Honda	Ford	Nissan
	2012 San Jose	Q1	20	300	400	500
	2012 San Jose	Q2	100	300	500	70
	2012 San Jose	Q3	40	40	0	100
	2012 San Jose	Q4	1000	30	20	100
	2012 Los Angeles	Q1	1	300	400	500
	2012 Los Angeles	Q2	100	400	1	70
	2012 Los Angeles	Q3	40	40	0	10
	2012 Los Angeles	Q4	1000	30	20	100
	2012 New York	Q1	20	300	400	500
	2012 New York	Q2	10	300	500	3
	2012 New York	Q3	0	8	0	100
	2012 New York	Q4	9	30	100	100
	2012 Miami	Q1	3	300	400	500
	2012 Miami	Q2	3	300	500	3
	2012 Miami	Q3	0	8	700	100
	2012 Miami	Q4	100	30	500	100

The above data we need to display in data cube.

The data is for year 2012 only, 4 different locations are chosen - San Jose, Los Angeles, New York, Miami

Let us prepare Data slice for each location.

	Toyota	Honda	Ford	Nissan
Q ₁	20	300	400	500
Q ₂	100	300	500	70
Q ₃	40	40	0	100
Q ₄	1000	30	20	100

San Jose

	Toyota	Honda	Ford	Nissan
Q ₁	1	300	400	500
Q ₂	100	400	1	70
Q ₃	40	40	0	10
Q ₄	1000	30	20	100

Los Angeles

Similarly we will make data slices for other locations & combine them into a cube.

(Year - 2012)

