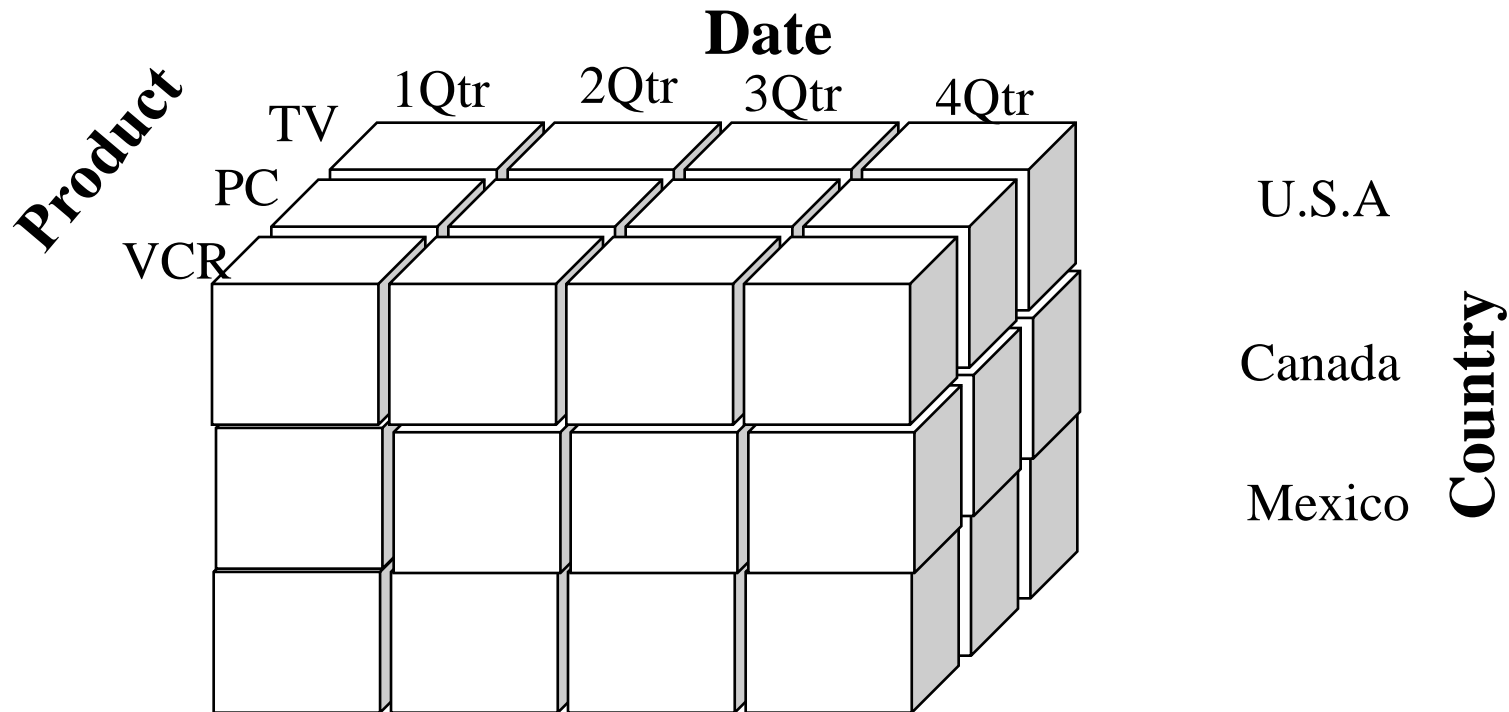


OLAP operations

Data warehouses and OLAP tools are based on a multidimensional data model. This model views data in the form of a data cube.

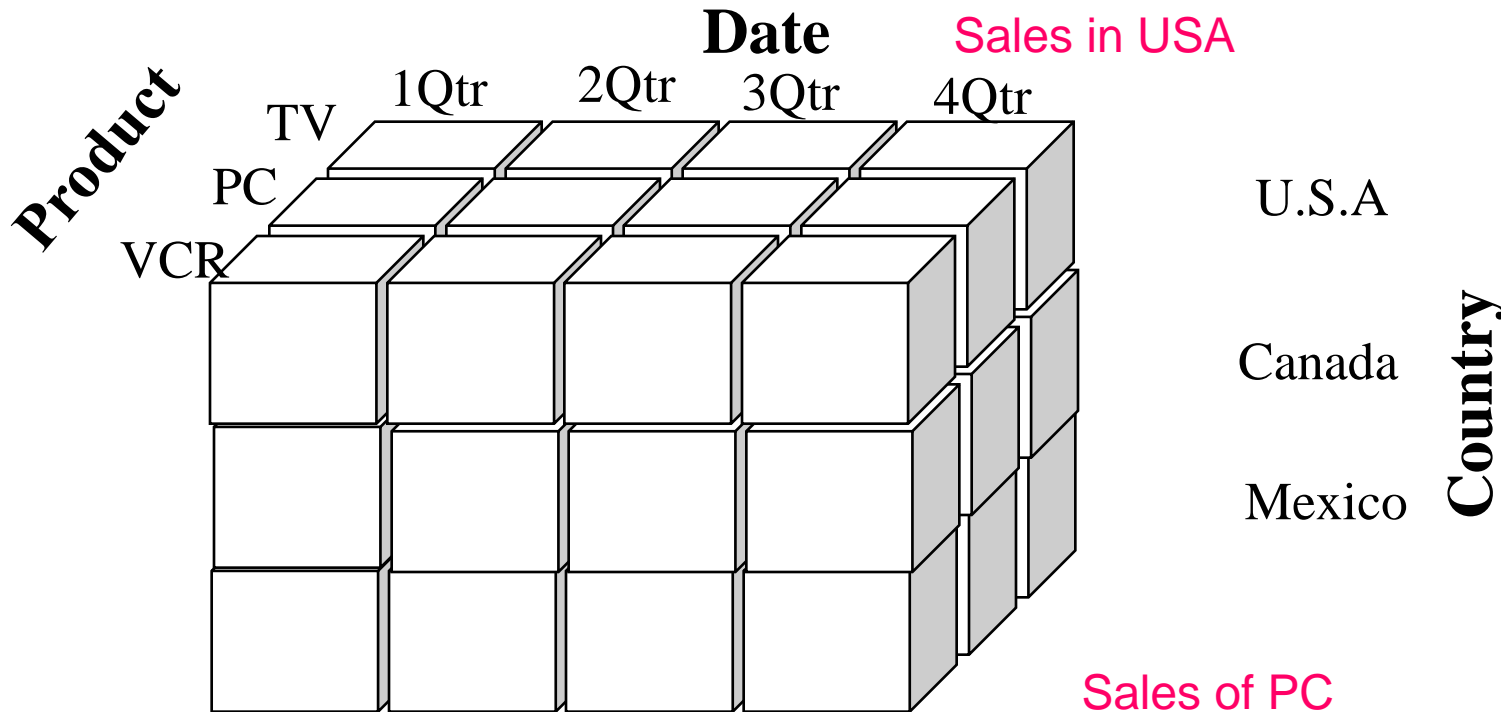
A Sample Data Cube



Slice and Dice

Sales of 3Qtr in USA

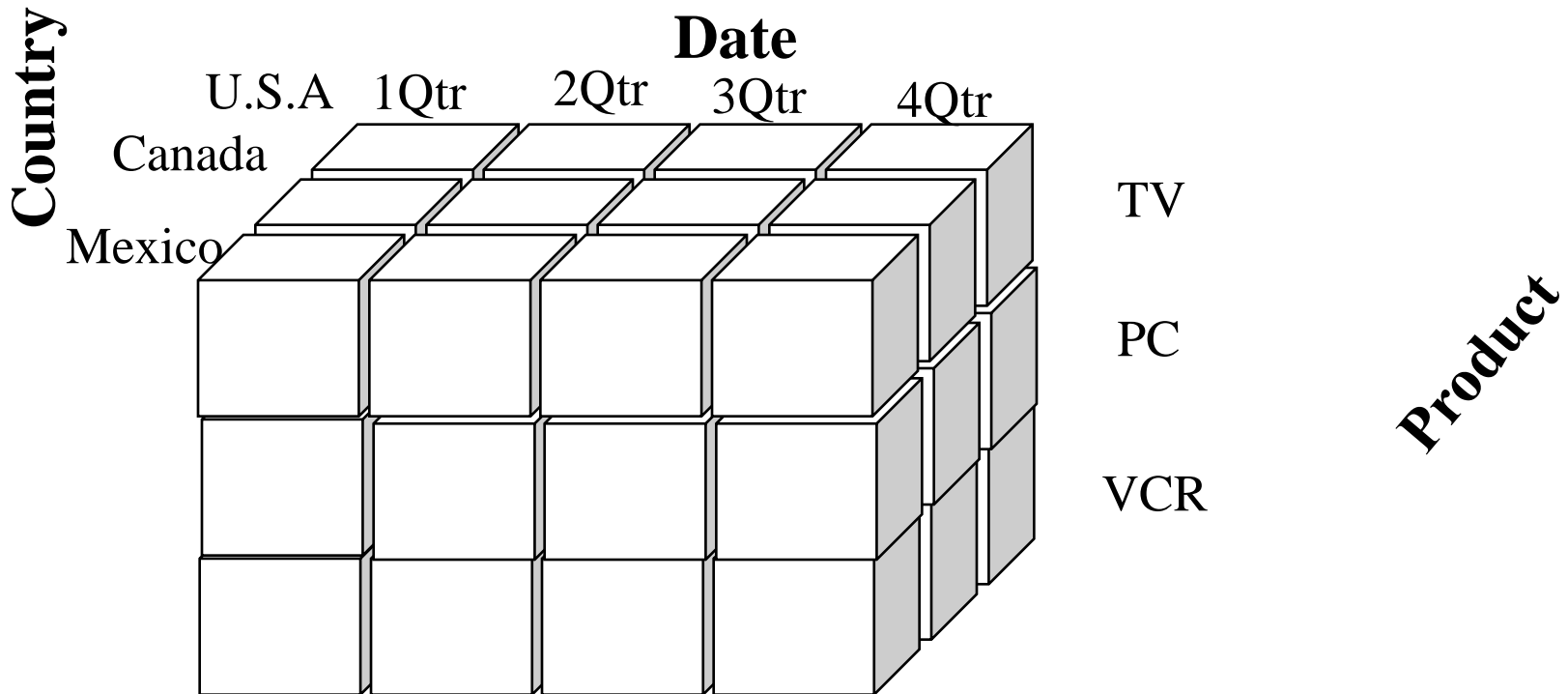
Sales of PC of 3Qtr in USA



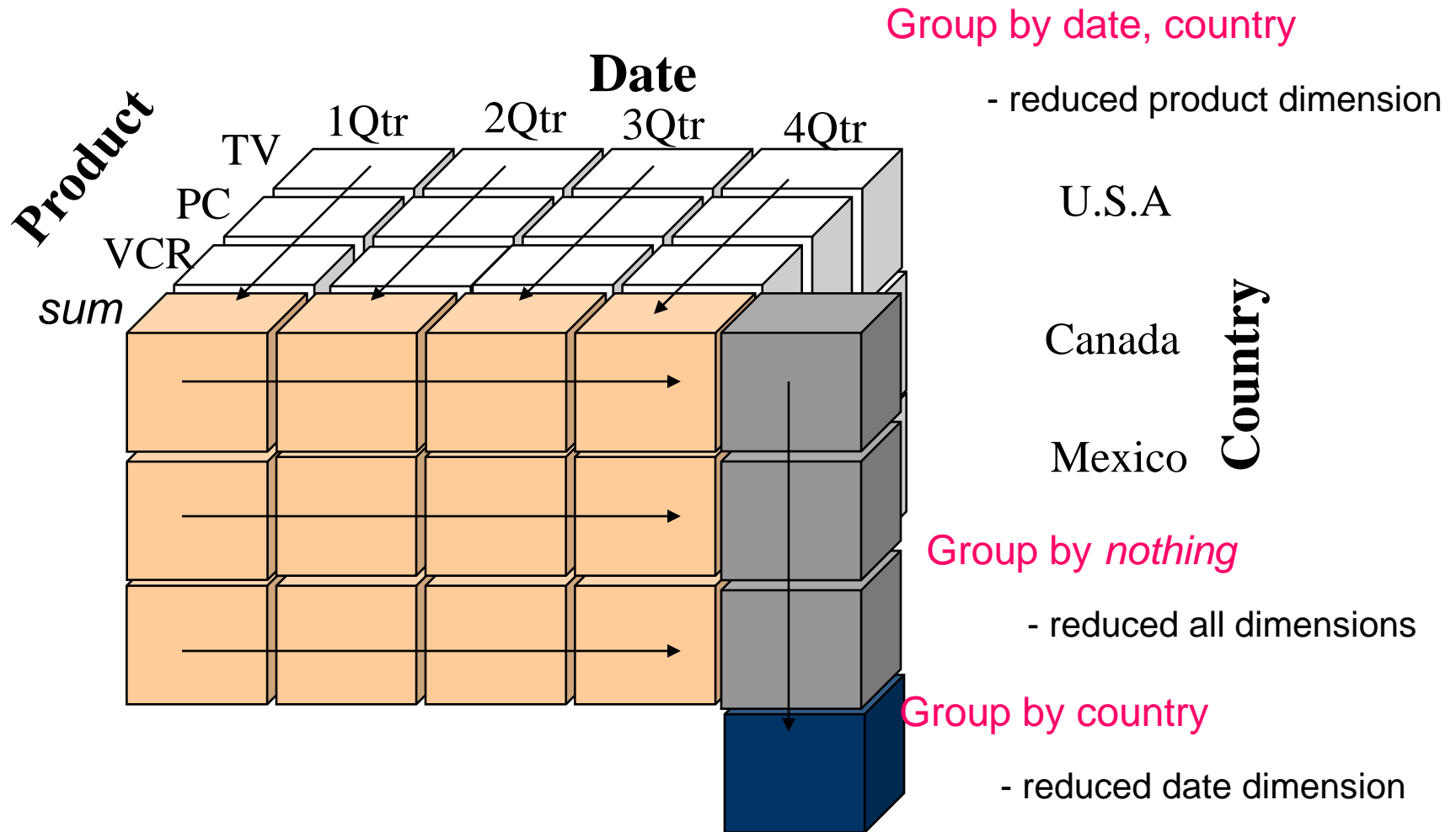
Sales of 3Qtr

Sales of PC

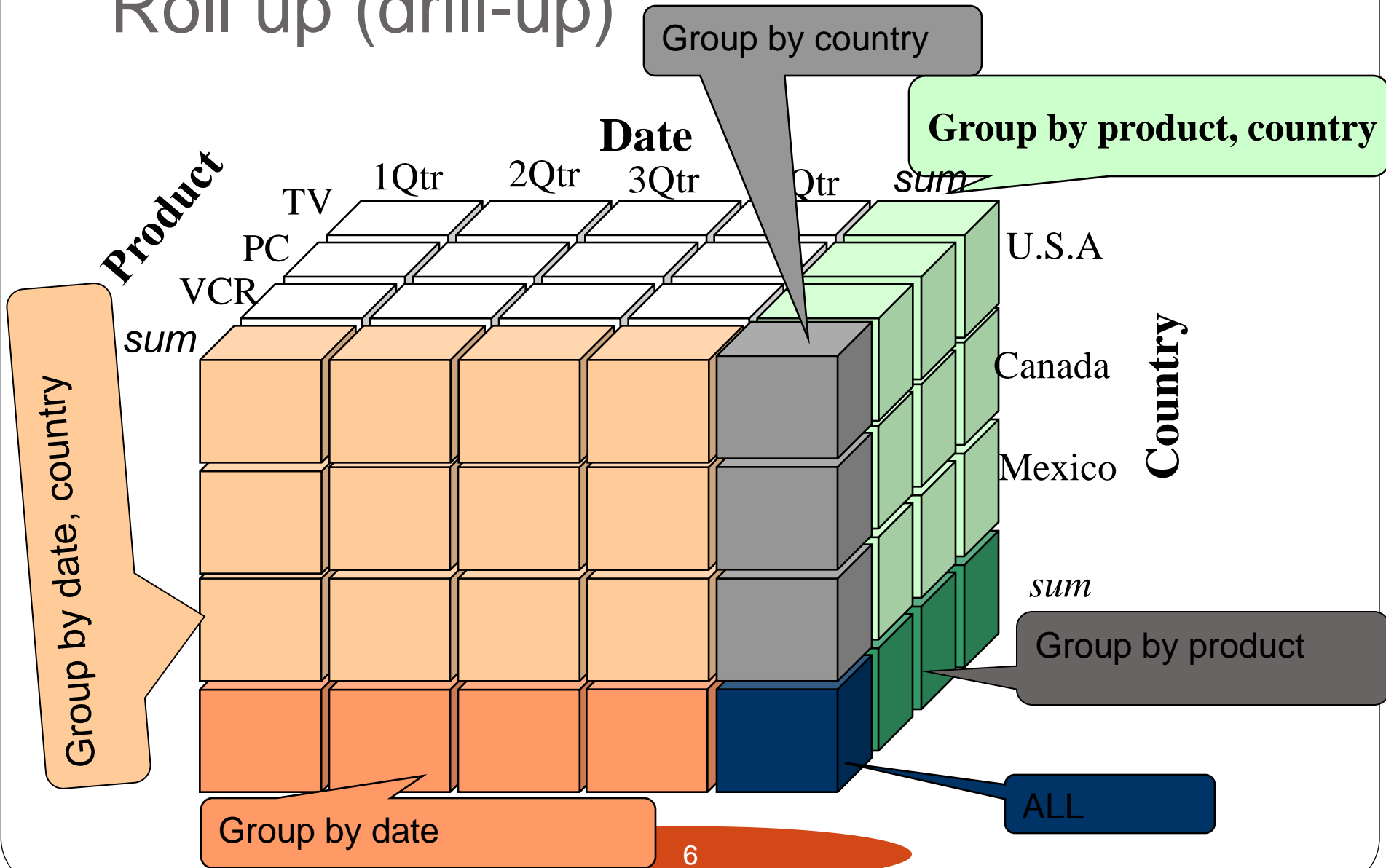
Pivot (rotate):



Roll up (drill-up) (*dimension reduction* example)



Roll up (drill-up)



Drill down (roll-down)

