CS 1656 – Introduction to Data Science – Fall 2016

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10 – Data Warehousing – Oct 3, 2016

Fill out the blanks in the following crosstab, summarizing total sales amounts for blue, red, and green cars in June, July, August, and September 2016, from a fictional car dealership.

	June	July	August	September	All months
Blue	10			15	45
Red		15		20	65
Green		5	5		
All colors	30	30	30	45	135

Assume the following data cube and that we perform a roll-up operation on item-name and then a slice operation with the condition size=medium. Which of the following questions can be answered with the resulting sub-cube?

    (a) Number of dresses sold in medium size **(Q2)**

    (b) Number of clothes items sold in medium size that are pastel in color **(Q3)**

    (c) Number of clothes items sold that are large size **(Q4)**