

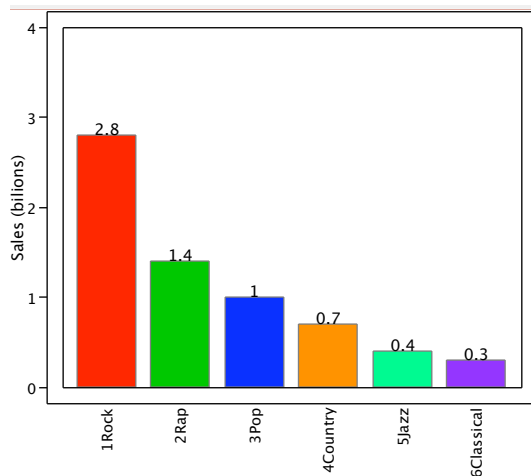
1 point for turning in the quiz

STAT 226, Section D—Quiz 2 (4 pts.)

According to the Recording Industry Association of America, sales of recordings in the United States were about \$7 billion in 1990. Here is data on the sales (in billions of dollars) of the most popular genres of music sold that year:

Rock	2.8	Jazz	0.4	Rap	1.4
Classical	0.3	Pop	1.0	Country	0.7

1. (2 pts.) Present these data on a correctly labeled Pareto chart.



2. (1 pt.) Would it also be correct to use a pie chart to display these data? If so, draw the chart, if not, explain why not.

No. The information provided on the sales adds up to 6.6 billions, which is less than the total given in the statement of the problem (about 7 billions). We can draw the pie chart only if we know the exact total figure for sales and we add an additional category of "Other" to account for the difference.