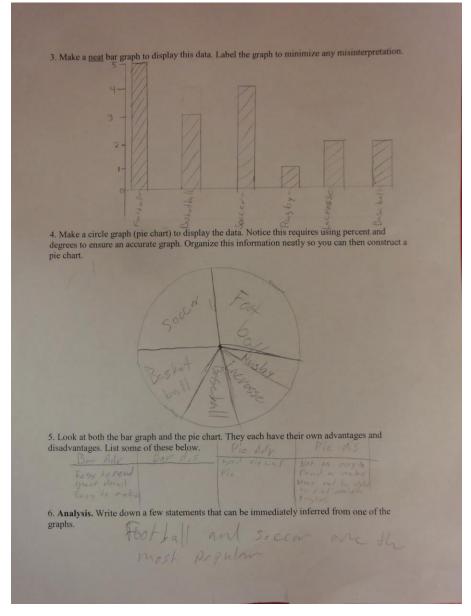
tegorical Data: Data are r	not numbers but categories.		
What is wrong with collecting	data based on the question,		
What is your favorite spo			
	d be clarified so that when people be quite varied and loooooooong i	answer thi	is question, we wi y think about it.
	. von Averita Oliv	ripic s	port?
	en favorite sport	to pla	
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suppose we eventually adjust	the question to read,		
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suppose we eventually adjust	the question to read, port do you most enjoy watching		
suppose we eventually adjust  What competitive team s  se are the responses you get	the question to read,  port do you most enjoy watching  from different individuals:	?	
what competitive team s see are the responses you get	the question to read,  port do you most enjoy watching from different individuals:  ccer, Rugby, Football, Football,	? Basketbal	
What competitive team s, see are the responses you get tball, Basketball, Soccer, Socer, Basketball, Baseball, Fe	the question to read,  port do you most enjoy watching from different individuals:  ccer, Rugby, Football, Football, otball, Baseball, Football, Lacro	? Basketbal	l, Soccer, Lacros
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<u>Question 1</u> addresses some important issues: Is this your favorite sport to play? To watch? If watching, do we mean on television or live in person? Also, what is the definition of a sport? Is dancing a sport? Checkers? Poker? Individual views on these issues may alter the responses you receive. *Not asking a clear question may result in an ambiguous data set*.

Garbage in = Garbage out.



Comments on #5: The bar graph shows the frequency in each category. In other words, the raw data is still visible. In the pie graph, the raw data is lost but something else is gained: you can see the percentage of the whole (difficult to detect in the bar graph). Moreover, you can see what is happening with combinations of categories. For example, a quick glance at the pie graph tells us that more than half of the responses were either football or soccer. This is more difficult to see in the bar graph.

Another nice pie graph:

