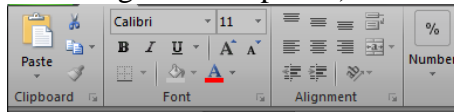


STEP ONE: enter the data

In column A: name what your topic is about and then list the possible choices (this will end up being your legend so include words if you need to)

Then in column B: label it frequency and list all the times that item occurred. (For example 15 people had 0-20 songs on their phone)

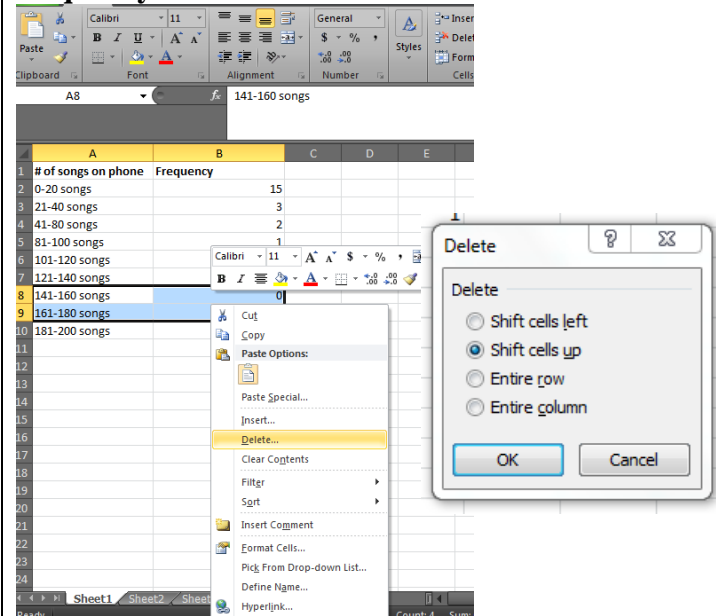


A	B	C
1	# of songs on phone	Frequency
2	0-20 songs	15
3	21-40 songs	3
4	41-80 songs	2
5	81-100 songs	1
6	101-120 songs	2
7	121-140 songs	5
8	141-160 songs	0
9	161-180 songs	0
10	181-200 songs	1
11		

STEP TWO: clear out zeros and make a frequency chart

Before you make a pie chart you need to get rid of any choices that have a 0 frequency. Highlight the choices you want to get rid of. Right click, select delete and then "shift cells up." Now you have a nice clean

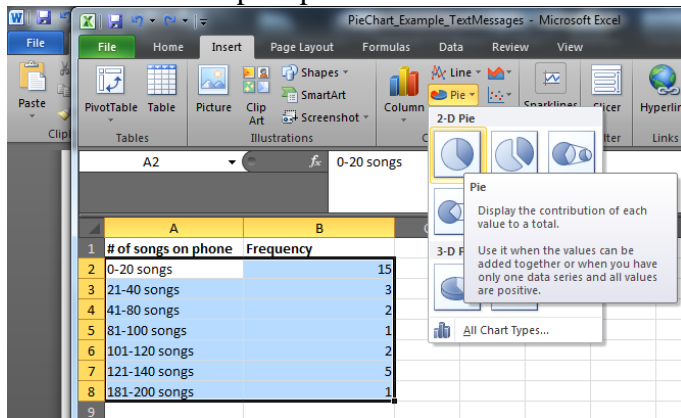
frequency chart



A	B	C	D	E
1	# of songs on phone	Frequency		
2	0-20 songs	15		
3	21-40 songs	3		
4	41-80 songs	2		
5	81-100 songs	1		
6	101-120 songs	2		
7	121-140 songs	5		
8	141-160 songs	0		
9	161-180 songs	0		
10	181-200 songs	1		

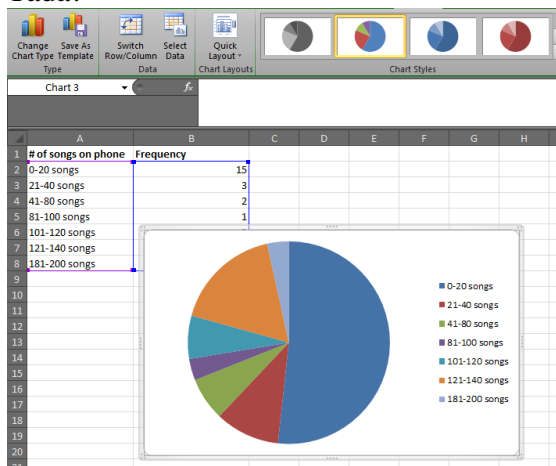
STEP 3: make the pie chart

Now to make our Pie Chart, highlight your data, choose insert and pick pie.



A	B
1	# of songs on phone
2	0-20 songs
3	21-40 songs
4	41-80 songs
5	81-100 songs
6	101-120 songs
7	121-140 songs
8	181-200 songs

Tada!



A	B	C	D	E	F	G	H
1	# of songs on phone	Frequency					
2	0-20 songs	15					
3	21-40 songs	3					
4	41-80 songs	2					
5	81-100 songs	1					
6	101-120 songs	2					
7	121-140 songs	5					
8	181-200 songs	1					

STEP 4: make it look nice

Just like the histogram...

~Click on the + button to change legends

~TO ADD PERCENTAGES : Click +, click more options under data labels. Make sure Percentage is checked and values is unchecked (values just tells you how many there are in the category and can get messy if you include it on your graph)

~The paintbrush changes the colors/design

