

Excel Case Study

Submitted By:

Rithik M R

Vishhal

Manikandan

Dehajir

1)How many days in 2016 were categorized as Clear vs. Rain vs. Snow? (use the Conditions field)

Row Labels	Count of Date
Clear	248
Rain	99
Snow	16
Grand Total	363

2)What was the average temperature on clear days vs. snowy days? What about the average max temperature

Conditions	Clear
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Row Labels	Max of Mean Temp (F)
Jan	43
Feb	50
Mar	55
Apr	65
May	76
Jun	74
Jul	84
Aug	83
Sep	79
Oct	71
Nov	55
Dec	51
Grand Total	84

Conditions	Snow
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Row Labels	Max of Mean Temp (F)
Jan	35
Feb	37
Mar	33
Apr	38
Dec	36
Grand Total	38

3)Update your view to show the# of Days by Month (primary row labels)and Conditions (secondary row labels),and show the # of Days as the % of the month as a whole.What percent of September days are clear?

Month	September
Row Labels	
Clear	
63.33333333	
Clear	
Grand Total	

4)Remove the second instance of # of Days, move Conditions to the column labels, and update the Show Values As calculation to % of Row Total. How often did it snow in January 2016, as a percentage of the month?

Months (Date)	Jan

5) Remove grand totals and visualize the data as a 100% Stacked Column chart. In how many months of 2016 did it not snow at all?

Conditions	(Multiple Items)
Row Labels	
January	
March	
May	
July	
September	
October	
November	
Feburary	
Grand Total	

