

Assignment: Use Pivot-table command to generate these three tables in attached spreadsheet

Data source: Use the data on the Data tab of this spreadsheet.

See Resource for instructions in using Excel 2003 or 2008.

Note: For yes/no questions (Q1-Q4), "Yes" is coded as "1"; "No" is coded as "0".

With this coding, the average for yes-no questions is the percentage that said "Yes".

Table 1: Create a cross-tab pivot table: Q1 for rows, Q2 for Columns and Q1 (counts) for body cells.

Here are the results your pivot table should display.

Count of Q1	Q2		
Q1	0	1	Grand Total
0	95	35	130
1	78	32	110
Grand Total	173	67	240

Table 2: Create a cross-tab pivot table: Q1 for rows, Q2 for columns and Q7 (Average) for body cells.

Here are the results your pivot table should display.

Average of Q7	Q2		
Q1	0	1	Grand Total
0	66.03	67.31	66.38
1	64.83	62.84	64.25
Grand Total	65.49	65.18	65.40

Table 3: Create a cross-tab pivot table: Q1 for rows, Q2 for columns and Q7 for data (body cells.)

Show average, standard deviation and count for all cells.

Here are the results your pivot table should display.

		Q2		
Q1	Data	0	1	Grand Total
0	Average of Q7	66.03	67.31	66.38
	StdDev of Q7_2	11.86	10.05	11.38
	Count of Q7_3	95	35	130
1	Average of Q7	64.83	62.84	64.25
	StdDev of Q7_2	12.48	11.62	12.21
	Count of Q7_3	78	32	110
Total Average of Q7		65.49	65.18	65.40
Total StdDev of Q7_2		12.12	10.98	11.79
Total Count of Q7_3		173	67	240

Table 4: Create a cross-tab pivot table: Q1 for rows, Q2 for columns and Q2 for data (body cells.)

Show as 100% COLUMN percentages.

Here are the results your pivot table should display.

Count of Q2	Q2		
Q1	0	1	Grand Total
0	55%	52%	54%
1	45%	48%	46%
Grand Total	100%	100%	100%

Table 5: Create a cross-tab pivot table: Q1 for rows, Q2 for columns and Q2 for data (body cells.)

Show as 100% ROW percentages.

Here are the results your pivot table should display.

Count of Q2	Q2		
Q1	0	1	Grand Total
0	73%	27%	100%
1	71%	29%	100%
Grand Total	72%	28%	100%

Table 6: Create a cross-tab pivot table: Q1 for rows, Q2 for columns and Q3 for data (body cells.)

Show as half percentages. Use AVERAGE command on binary data coded as 0 and 1.

Here are the results your pivot table should display.

Average of Q3	Q2		
Q1	0	1	Grand Total
0	81%	71%	78%
1	37%	34%	36%
Grand Total	61%	54%	59%