

Frequency Table Examples

Example 1: Qualitative Data

Grade Distribution for a Class of 50 Students

Grade	Frequency	Relative Frequency
A	15	$15/50 = 0.30$
B	21	$21/50 = 0.42$
C	10	$10/50 = 0.20$
D	3	$3/50 = 0.06$
F	1	$1/50 = 0.02$

Example 2: Quantitative Data

Survey of household incomes (in thousands of dollars) for a neighborhood of 20 homes:

47 53 55 76 42 72 68 64 59 53
65 49 52 60 55 62 49 57 58 65

Make a frequency table using bins of equal width starting with 40 – 44

Bins: Income (Thousands of \$)	Frequency	Relative Frequency
40 – 44	1	0.05
45 – 49	3	0.15
50 – 54	3	0.15
55 – 59	5	0.25
60 – 64	3	0.15
65 – 69	3	0.15
70 – 74	1	0.05
75 – 79	1	0.05