

## Chapter 2: frequency table

### 1) Raw data and frequency table

Gender	Frequency	percentage	proportion
Men	7	$7/26 * 100$ = 26.9%	$7/26 = .27$
Women	19	$19/26 =$ 73.1	$19/26 = .73$
N (total number of cases)	26	100	1.00

### 2) Frequency table for interval/ratio variables

Education	frequency	percentage	Cumulative frequency
<HS	36	32.4	36
HS	12	10.8	48
Some college	38	34.2	86
BA	19	17.1	105
Graduate	6	5.4	111
N	111	100	---

Cumulative frequency does not apply for nominal variables.

$$100 \times 1.06^{10} = 179$$

$$100 \times 1.06^{20} = 321$$

$$100 \times 1.06^{30} = 574$$

You double your investment with only 6% APY in 12 years.

Do not time the market, the time in the market is what matters.