Simple Example of Numerical Summaries

Here are the quiz scores from one of my classes.

32,	46,	48,	54,	57,	58,	60,	61,	62,	64
65,	65,	66,	66,	67,	70,	70,	70,	71,	73
74,	76,	76,	77,	78,	78,	79,	80,	81,	82
84,	86,	87,	87,	87,	87,	90,	91,	95,	96

Histogram To make a histogram of these numbers, aggregate the data into a distribution table. Begin as follows.

- Chose interval widths.
- Choose endpoint convention
- Tally responses into bins (count or percent).

Draw bars such that the *area = count (or percent).*

Score (points)	Count	Percent	%/point
30-50			
50-70			
70-80			
80-90			
90-100			

Describe the distribution:

- Symmetry
- Modes
- Tails