

## Honors Statistics: 2-3: Visualizing Data - Histograms

**Construct a frequency distribution and a frequency histogram for the data set. Use 5 classes.**

1. Exam scores for all students in a statistics class

83	92	94	82	73	98	78	85	72	90
89	92	96	89	75	85	63	47	75	82

**Construct a relative frequency distribution and a relative frequency histogram for the data set. Use 6 classes.**

2. Retirement ages for a sample of engineers

60	65	68	63	66	67	69	67
58	65	67	61	63	65	62	64
73	50	61	71	62	69	72	63

**Construct a frequency distribution and frequency histogram for the data set using 5 classes.**

3. Bowling Scores

154	257	195	220	182	240	177	228	235	146	174	192	165
207	185	180	264	169	225	239	148	190	182	205	148	188

**Construct a cumulative frequency distribution and an ogive for the data set using six classes.**

4. Retirement Ages for a sample of engineers

60	65	68	66	67	69	67	58	65	67	63	62	64	61
73	50	61	71	63	69	72							