

Statistics Practice

Find the mode, median, mean, and standard deviation for each data set. Then create a box plot using min, Q1, median, Q3, and max.

1) Goals in a Hockey Game

1 4 5 5 5 5 5 5
5 6 6 6 7 7 9

2) Hits in a Round of Hacky Sack

2 3 4 4 5 6 6
7 7 9 12 12 12 18
19 20

3) Age at First Job

12 12 13 14 15 15 15
16 16 17 17 17 17 18
18 20

4) # Words in Book Titles

1 1 1 1 2 2 2 2
2 2 2 3 3 3 5 5
6

5) Basketball Tournament Champions

School	Times Won
Syracuse	1
Georgetown	1
Utah	1
Wisconsin	1
Michigan	1

School	Times Won
UTEP	1
Stanford	1
Wyoming	1
Holy Cross	1

School	Times Won
Loyola-Chicago	1
NY City College	1
Oklahoma State	2
Florida	2

School	Times Won
San Francisco	2
Kansas	3
Connecticut	4
North Carolina	5

6) Shoe Size

6	6	6	6.5	7	7	7
7.5	8	8	8	8	8	8.5
8.5	9.5					

7) Test Scores

32	36	39	44	44	46	46
47	48	49	49	49	49	51
53						

8) Age At Inauguration

President	Age
James A Garfield	49
Chester A Arthur	51
William Howard Taft	51
Calvin Coolidge	51

President	Age
Jimmy Carter	52
Rutherford B Hayes	54
George W Bush	54
Andrew Johnson	56

President	Age
Woodrow Wilson	56
Thomas Jefferson	57
John Adams	61
Andrew Jackson	61

President	Age
Gerald Ford	61
James Buchanan	65
William H Harrison	68

9) Goals in a Hockey Game

3	3	3	4	5	5	5	5
5	5	5	5	6	7	7	7

10) Car Weights (kg)

930	970	980	1,230	1,235
1,510	1,520	1,550	1,550	1,620
1,660	1,695	1,700	1,710	1,765
1,770	1,795			