1.2 Data

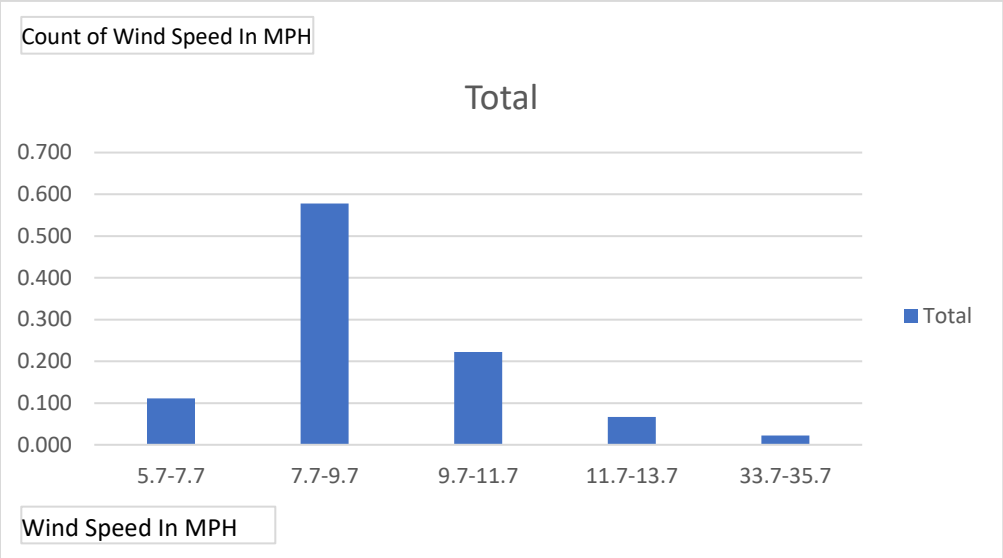
Wind Speed In MPH

8.9
7.1
9.1
8.8
10.2
12.4
11.8
10.9
12.7
10.3
8.6
10.7
10.3
8.4
7.7
11.3
7.6
9.6
7.8
10.6
9.2
9.1
7.8
5.7
8.3
8.8
9.2
11.5
10.5
8.8
35.1
8.2
9.3
10.5
9.5
6.2
9
7.9
9.6
8.8
7
8.7
8.8
8.9

9.4

1.2 RF Histogram

Row Labels	Count of Wind Speed In MPH
5.7-7.7	0.111
7.7-9.7	0.578
9.7-11.7	0.222
11.7-13.7	0.067
33.7-35.7	0.022
Grand Total	**1.000**



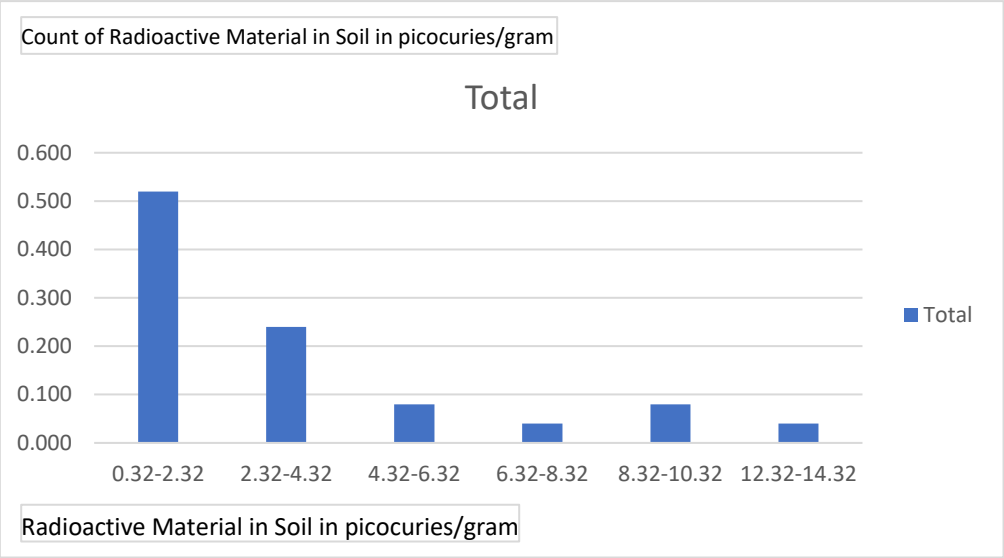
1.3 Data

Radioactive Material in Soil in picocuries/gram

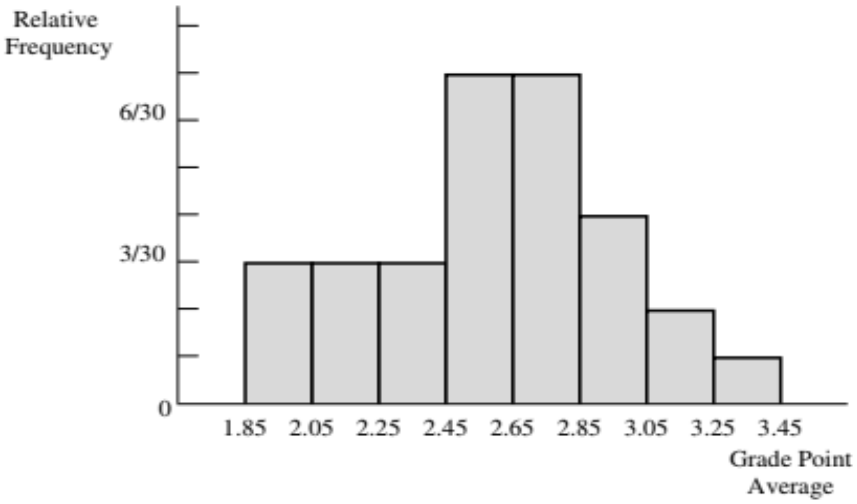
0.74
0.32
1.66
3.59
4.55
6.47
9.99
0.7
0.37
0.76
1.9
1.77
2.42
1.09
2.03
2.69
2.41
0.54
8.32
5.7
0.75
1.96
3.36
4.06
12.48

1.3 RF Histogram

Row Labels	Count of Radioactive Material in Soil in picocuries/gram
0.32-2.32	0.520
2.32-4.32	0.240
4.32-6.32	0.080
6.32-8.32	0.040
8.32-10.32	0.080
12.32-14.32	0.040
Grand Total	**1.000**



1.5 Given here is the relative frequency histogram associated with grade point averages (GPAs) of a sample of 30 students:



a Which of the GPA categories identified on the horizontal axis are associated with the largest proportion of students?

b What proportion of students had GPAs in each of the categories that you identified?

c What proportion of the students had GPAs less than 2.65?

a) The GPA categories identified on the horizontal axis are associated with the largest proportion of students are from 2.45-2.65 and 2.65-2.85.

b) The proportion of students that had GPA's in the two categories are both 7/30.

c) The proportion of students that had GPA's less than 2.65 is 16/30 -- 3, 3, 7.

Finding Standard Deviation

		Mean from each value	Square	Sum:	886	Mean:
Data		-4	16			50
	46	19	361			
	69	-18	324			
	32	10	100			
	60	2	4			
	52	-9	81			
	41	Variance:	177.2	Square rooted standard deviation:	13.31165	

SIZE: 6