

You are provided with elements concentration values of Fe_2O_3 and Al_2O_3 in a borehole of a bauxite deposit.(these values are in unites of %)

Depth	Fe_2O_3	Al_2O_3	Depth	Fe_2O_3	Al_2O_3	Depth	Fe_2O_3	Al_2O_3
0.00	24.80	45.01	10.00	34.00	39.02	20.00	17.80	49.66
0.50	22.00	48.69	10.50	21.80	43.45	20.50	24.60	45.49
1.00	19.80	49.93	11.00	25.60	42.58	21.00	21.40	48.03
1.50	27.80	45.17	11.50	32.40	38.72	21.50	24.00	45.49
2.00	25.80	43.77	12.00	27.40	42.92	22.00	26.00	44.05
2.50	23.00	48.69	12.50	25.80	43.89	22.50	19.00	49.02
3.00	34.00	39.38	13.00	31.40	38.13	23.00	24.00	32.34
3.50	29.60	42.26	13.50	27.80	42.92	23.50	15.60	41.90
4.00	31.80	32.40	14.00	24.40	46.13	24.00	19.20	47.11
4.50	35.80	33.53	14.50	25.60	44.85	24.50	17.80	48.70
5.00	40.40	31.74	15.00	23.80	44.85	25.00	21.20	46.77
5.50	40.00	32.68	15.50	21.60	47.41	25.50	30.00	49.39
6.00	15.20	32.56	16.00	27.60	44.53	26.00	23.60	45.01
6.50	17.60	49.98	16.50	19.80	48.05	26.50	25.20	42.62
7.00	24.20	45.83	17.00	27.80	44.21	27.00	17.20	50.20
7.50	19.40	4.69	17.50	21.20	48.70	27.50	20.60	48.13
8.00	35.30	33.95	18.00	19.00	49.34	28.00	25.00	43.23
8.50	31.40	39.02	18.50	28.60	44.21	28.50	18.00	56.88
9.00	28.21	32.52	19.00	24.80	45.49	29.00	25.00	44.20
9.50	34.00	39.02	19.50	23.40	46.99	29.50	21.40	46.77

1. Create Frequency distribution, Relative frequency and Cumulative frequency for Fe_2O_3 (class number = 7)
2. Calculate Mean, Median, Mode for Fe_2O_3 and Al_2O_3 element concentrations.
3. Creat Histogram for Fe_2O_3 cumulative frequency distribution.
4. Draw a scatter plot of the Fe_2O_3 and Al_2O_3 element concentration aganist depth, What inferences can be made from this kind of graph?

(You can use Excel in your answer.)