

We found 35 max and choose (2, 25). Then start our algorithm:

Old	Max on	Max value	New
2,25	4	1.53	2,25,4
2,25,4	6	2.23	2,25,4,6
2,25,4,6	17	3.15	2,25,4,6,17
2,25,4,6,17	30	3.96	2,25,4,6,17,30
2,25,4,6,17,30	14	4.56	2,25,4,6,17,30,14
2,25,4,6,17,30,14	1	5.43	2,25,4,6,17,30,14,1
2,25,4,6,17,30,14,1	9	6.32	2,25,4,6,17,30,14,1,9
2,25,4,6,17,30,14,1,9	16	7.07	2,25,4,6,17,30,14,1,9,16
2,25,4,6,17,30,14,1,9,16	29	7.85	2,25,4,6,17,30,14,1,9,16,29
2,25,4,6,17,30,14,1,9,16,29	21	8.91	2,25,4,6,17,30,14,1,9,16,29,21
2,25,4,6,17,30,14,1,9,16,29,21	3	9.76	2,25,4,6,17,30,14,1,9,16,29,21,3
2,25,4,6,17,30,14,1,9,16,29,21,3	13	10.53	2,25,4,6,17,30,14,1,9,16,29,21,3,13
2,25,4,6,17,30,14,1,9,16,29,21,3,13	12	10.91	2,25,4,6,17,30,14,1,9,16,29,21,3,13,12
2,25,4,6,17,30,14,1,9,16,29,21,3,13,12	23	11.82	2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23
2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23	19	12.41	2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23,19
2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23,19	27	13.30	2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23,19,27

This iteration is ended because max was found on 4 row but 4 was added to bag earlier. So first cluster is {2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23,19,27}.

Old	Max on	Max value	New
7,15	28	2.96	7,15,28
7,15,28	12	3.45	7,15,28,22
7,15,28,22	33	4.26	7,15,28,22,33
7,15,28,22,33	5	5.43	7,15,28,22,33,5
7,15,28,22,33,5	24	5.99	7,15,28,22,33,5,24
7,15,28,22,33,5,24	10	6.61	7,15,28,22,33,5,24,10

Iteration is ended because max was found on 28 row but 28 was added to bag earlier. So second cluster is {7,15,28,22,33,5,24,10}.

Next iteration is {18,26,31,11,32}.

So we have three clusters:

1 - {2,25,4,6,17,30,14,1,9,16,29,21,3,13,12,23,19,27}.

2 - {7,15,28,22,33,5,24,10}.

3 - {18,26,31,11,32}.