

	Machine	Reward	ucb-A	ucb-B	ucb-C	pull	recommended
0	A	40	40	0	0	1	B
1	B	31	41.1774	32.1774	0	2	C
2	C	40	41.4823	32.4823	41.4823	3	A
3	C	0	41.6651	32.6651	21.1774	4	A
4	A	0	21.2686	32.7941	21.2686	5	B
5	B	1	21.3386	17.3386	21.3386	6	A
6	A	0	14.4723	17.395	21.395	7	C
7	C	0	14.5107	17.442	14.5107	8	B
8	B	1	14.5436	12.2103	14.5436	9	A
9	A	0	11.073	12.239	14.5723	10	C
10	C	0	11.095	12.2644	11.095	11	B
11	B	0	11.1147	9.3647	11.1147	12	A
12	A	1	9.2129	9.3825	11.1325	13	C
13	C	0	9.2274	9.3987	9.0274	14	B
14	B	0	9.2408	7.6408	9.0408	15	A
15	A	2	8.128	7.6531	9.0531	16	C
16	C	0	8.1385	7.6646	7.6385	17	A
17	A	0	7.0516	7.6752	7.6482	18	B
18	B	5	7.0601	7.324	7.6574	19	C
19	C	0	7.068	7.3326	6.6394	20	B
20	B	0	7.0755	6.3612	6.647	21	A
21	A	0	6.2541	6.3683	6.654	22	C
22	C	0	6.2604	6.3751	5.8854	23	B
23	B	0	6.2664	5.6414	5.8914	24	A
24	A	0	5.6235	5.6471	5.8971	25	C
25	C	5	5.6287	5.6525	5.8509	26	C
26	C	0	5.6336	5.6577	5.3119	27	B
27	B	0	5.6383	5.0827	5.3164	28	A
28	A	0	5.1206	5.0873	5.3206	29	C
29	C	0	5.1248	5.0916	4.8773	30	A
30	A	0	4.6993	5.0958	4.8811	31	B
31	B	1	4.7029	4.7326	4.8847	32	C
32	C	0	4.7064	4.7362	4.5134	33	B
33	B	0	4.7098	4.3462	4.5166	34	A
34	A	1	4.4364	4.3495	4.5198	35	C
35	C	0	4.4395	4.3526	4.204	36	A
36	A	0	4.13	4.3557	4.2069	37	B
37	B	0	4.1327	4.0286	4.2096	38	C
38	C	0	4.1354	4.0314	3.9377	39	A
39	A	1	3.9402	4.0341	3.9402	40	B

average reward - A: 2.611111111

average reward - B: 2.5

average reward - C: 2.647058824

UCB RECOMMENDS A 18

UCB RECOMMENDS B 16

UCB RECOMMENDS C 17

CONCLUSION: According to the presented table, the slot machine C has the highest average reward for pull. However, slot machine A is the most recommended slot machine because of its high UCB score.

Due to unclear results, we can conclude that the created dataset does not have good observation data due to low average per pull and ucb scores not being far from each other

40	B	1	3.9426	3.8328	3.9426	41 A
41	A	0	3.7059	3.8352	3.945	42 C
42	C	0	3.7082	3.8376	3.7082	43 B
43	B	0	3.7103	3.5924	3.7103	44 A
44	A	1	3.5648	3.5946	3.7124	45 C
45	C	0	3.5668	3.5967	3.5043	46 B
46	B	0	3.5687	3.3832	3.5062	47 A
47	A	1	3.4396	3.3851	3.5081	48 C
48	C	0	3.4414	3.387	3.3237	49 A
49	A	0	3.2704	3.3889	3.3255	50 B
50	B	0	3.2721	3.2011	3.3272	51 C