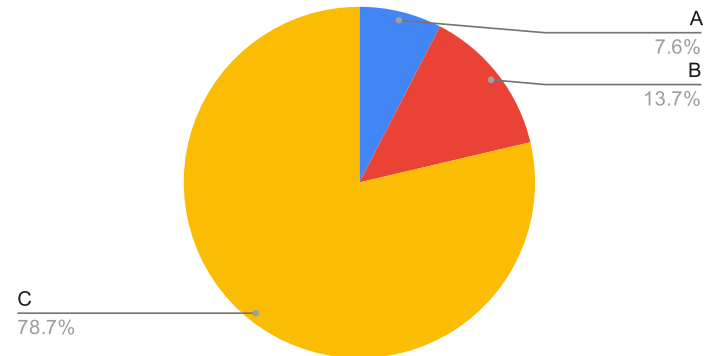


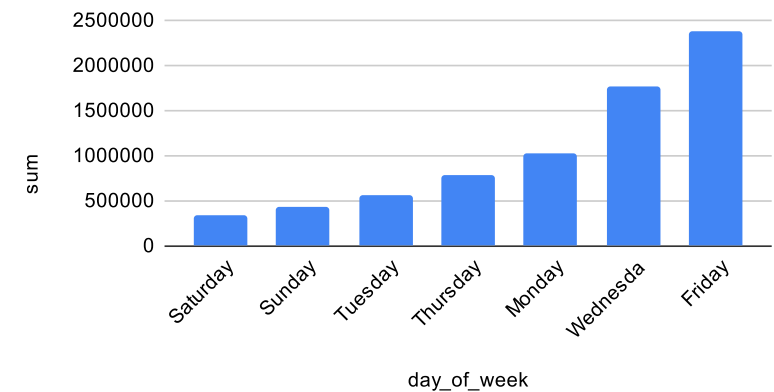
attribute2	sum_of_points	avg_points_per_user	total_cnts
A	548612	1627	12172
B	993662	2405	16581
C	5689448	25861	8400

sum\_of\_points



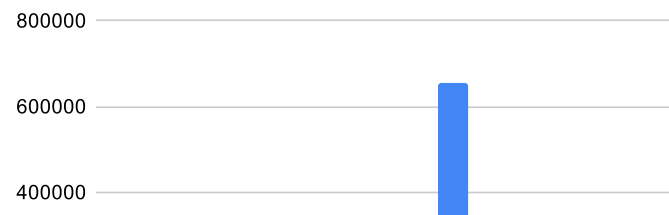
day_of_week	sum	avg_points_per_day	total_cnts
Saturday	334797	452	1348
Sunday	421308	555	1894
Tuesday	550126	597	5944
Thursday	782878	850	4001
Monday	1031284	1091	6928
Wednesday	1769736	1884	7691
Friday	2371339	2541	9764

sum vs. day\_of\_week



### Analyzing top 50 repeated usersids

month	attribute1	cnt_top_repeat_users	sum_points
1	0	28	54923
2	0	29	182543
3	0	31	132906
4	0	28	139680
5	0	36	193769
6	0	26	346075



7	0	24	201089
8	0	30	653905
9	0	24	195651
10	0	25	90627
11	0	30	147371
12	0	24	86207
	1	18	178684
month	attribute1	cnt_top_repeat_users	sum_points
1	1	6	13647
2	1	13	86686
3	1	12	54703
4	1	9	57851
5	1	12	79924
6	1	11	163185
7	1	18	178684
8	1	16	417400
9	1	15	225815
10	1	15	65508
11	1	11	65405
12	1	15	61582

Attribute2 was converted to float for ease of computation

	avg	std
attribute1	0.180412	0.3847
sattribute2	1.879381	0.7485
points	7455.383505	17560.3949

Correlation			
	all points	positive points only	negative points only
corr(att1, points)	0.1702	0.1333	0.0488
corr(att2, points)	0.4721	0.5381	-0.2706
corr(att1, att2)	0.025	0.025	0.025

