Social Media Usage

A study of how people indulge in this impactful and large industry

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What was our goal?

Our goal was simply to analyze and understand the behavioral patterns in terms of social media usage and see what conclusions we could derive from them based on such info

age	income	gender	time_spent	preferred_platform	interests	demographics	posts_per_week	exercise_hours
51	94413	female	4.5	Facebook	Sports	Suburban	7	5.5
64	87851	female	1.0	Facebook	Technology	Urban	14	8.0
41	68087	female	4.5	Instagram	Food	Rural	1	10.0
27	30988	male	5.0	Instagram	Music	Urban	3	7.0
55	79214	non-binary	1.0	Instagram	Sports	Rural	11	4.5
	222	122					5000	
32	45309	male	5.0	TikTok	Food	Suburban	3	9.5
34	33802	male	1.0	Facebook	Technology	Urban	6	5.0
23	27369	male	3.5	Snapchat	Music	Suburban	6	2.0
39	61083	female	2.5	Snapchat	Technology	Suburban	11	0.0
15	16970	male	0.5	Instagram	Food	Suburban	8	5.0
	51 64 41 27 55 32 34 23 39	51 94413 64 87851 41 68087 27 30988 55 79214 32 45309 34 33802 23 27369 39 61083	51 94413 female 64 87851 female 41 68087 female 27 30988 male 55 79214 non-binary 32 45309 male 34 33802 male 23 27369 male 39 61083 female	51 94413 female 4.5 64 87851 female 1.0 41 68087 female 4.5 27 30988 male 5.0 55 79214 non-binary 1.0 32 45309 male 5.0 34 33802 male 1.0 23 27369 male 3.5 39 61083 female 2.5	51 94413 female 4.5 Facebook 64 87851 female 1.0 Facebook 41 68087 female 4.5 Instagram 27 30988 male 5.0 Instagram 55 79214 non-binary 1.0 Instagram 32 45309 male 5.0 TikTok 34 33802 male 1.0 Facebook 23 27369 male 3.5 Snapchat 39 61083 female 2.5 Snapchat	51 94413 female 4.5 Facebook Sports 64 87851 female 1.0 Facebook Technology 41 68087 female 4.5 Instagram Food 27 30988 male 5.0 Instagram Music 55 79214 non-binary 1.0 Instagram Sports 32 45309 male 5.0 TikTok Food 34 33802 male 1.0 Facebook Technology 23 27369 male 3.5 Snapchat Music 39 61083 female 2.5 Snapchat Technology	51 94413 female 4.5 Facebook Sports Suburban 64 87851 female 1.0 Facebook Technology Urban 41 68087 female 4.5 Instagram Food Rural 27 30988 male 5.0 Instagram Music Urban 55 79214 non-binary 1.0 Instagram Sports Rural 32 45309 male 5.0 TikTok Food Suburban 34 33802 male 1.0 Facebook Technology Urban 23 27369 male 3.5 Snapchat Music Suburban 39 61083 female 2.5 Snapchat Technology Suburban	51 94413 female 4.5 Facebook Sports Suburban 7 64 87851 female 1.0 Facebook Technology Urban 14 41 68087 female 4.5 Instagram Food Rural 1 27 30988 male 5.0 Instagram Music Urban 3 55 79214 non-binary 1.0 Instagram Sports Rural 11 32 45309 male 5.0 TikTok Food Suburban 3 34 33802 male 1.0 Facebook Technology Urban 6 23 27369 male 3.5 Snapchat Music Suburban 6 39 61083 female 2.5 Snapchat Technology Suburban 11



How did it go?

Our Algorithms kinda suck

Hierarchical Clustering was our best

We ended up with around 420 total clusters































Cluster	Summary:				
	age	income	gender	time_spent	preferred_platform
Cluster					
0	40.083333	50122.333333	0.416667	3.250000	1.416667
1	59.333333	81862.666667	0.666667	3.333333	1.333333
2	16.777778	18507.777778	0.666667	3.111111	1.000000
3	48.625000	61159.000000	0.625000	2.875000	1.375000
4	19.818182	22031.909091	0.545455	2.636364	1.727273

