

CustomerID	total_spent	total_trans	avg_trans	region	Category	Cluster	PCA1	PCA2
C0001	3354.52	5	670.904	South Ame	Electronics	3	-0.07895	-0.05056
C0002	1862.74	4	465.685	Asia	Home Deco	1	-1.27304	-0.49205
C0003	2725.38	4	681.345	South Ame	Home Deco	3	-0.56725	0.249271
C0004	5354.88	8	669.36	South Ame	Home Deco	0	1.481057	-0.84766
C0005	2034.24	3	678.08	Asia	Electronics	3	-1.10318	0.502019
C0006	4227.57	4	1056.893	South Ame	Books	2	0.66179	1.540199
C0007	2579.82	3	859.94	Asia	Electronics	3	-0.57795	1.127982
C0008	4271.61	10	427.161	North Ame	Clothing	0	1.173284	-2.20146
C0009	896.5	3	298.8333	Europe	Clothing	1	-2.19847	-0.80335
C0010	1717.55	4	429.3875	Europe	Clothing	1	-1.39183	-0.61682
C0011	3730	5	746	South Ame	Books	3	0.1957	0.207239
C0012	5231.26	7	747.3229	South Ame	Home Deco	0	1.304275	-0.31679
C0013	6000.56	7	857.2229	South Ame	Clothing	0	1.790744	0.059484
C0014	318.66	1	318.66	Europe	Home Deco	1	-2.91521	-0.21043
C0015	1157.48	2	578.74	North Ame	Home Deco	3	-1.87711	0.423611
C0016	3874.42	5	774.884	North Ame	Books	3	0.301337	0.306395
C0017	4753.82	8	594.2275	Europe	Books	0	1.119589	-1.10455
C0018	4781.85	5	956.37	North Ame	Electronics	2	0.965081	0.92942
C0019	2185.82	6	364.3033	Europe	Books	1	-0.79571	-1.36564
C0020	922.41	1	922.41	North Ame	Electronics	3	-1.63595	1.87317
C0021	5419.92	8	677.49	Asia	Books	0	1.520171	-0.81986
C0022	4655.07	6	775.845	Asia	Clothing	0	0.867689	0.045277
C0023	5158.65	6	859.775	Europe	Electronics	0	1.206924	0.33302
C0024	3627.02	7	518.1457	North Ame	Books	0	0.289827	-1.10145
C0025	1589.81	4	397.4525	South Ame	Home Deco	1	-1.49634	-0.7266
C0026	3549.05	4	887.2625	North Ame	Electronics	2	0.106647	0.957103
C0027	2562.94	4	640.735	Asia	Books	3	-0.70016	0.109676
C0028	6819.57	8	852.4463	Asia	Electronics	0	2.3619	-0.22164
C0029	1785.87	4	446.4675	North Ame	Clothing	1	-1.33593	-0.55811
C0030	2549.68	5	509.936	North Ame	Clothing	1	-0.66765	-0.60315
C0031	2005.38	4	501.345	South Ame	Clothing	1	-1.15633	-0.36947
C0032	673	3	224.3333	South Ame	Clothing	1	-2.41363	-1.05978
C0033	132.64	1	132.64	North Ame	Clothing	1	-3.30936	-0.8524
C0034	3073.2	6	512.2	North Ame	Clothing	1	-0.19793	-0.85859
C0035	2587.61	4	646.9025	North Ame	Electronics	3	-0.67997	0.130876
C0036	1877.96	3	625.9867	North Ame	Clothing	3	-1.25362	0.322714
C0037	4252.77	5	850.554	Europe	Books	2	0.578083	0.566163
C0038	2696.85	5	539.37	North Ame	Home Deco	1	-0.56	-0.5021
C0039	4239.6	6	706.6	South Ame	Home Deco	0	0.58781	-0.19212
C0040	3969.4	3	1323.133	Asia	Clothing	2	0.759782	2.722296
C0041	6149.78	7	878.54	Europe	Books	0	1.885104	0.13247
C0042	2402.49	3	800.83	North Ame	Clothing	3	-0.74867	0.924525
C0043	1131.32	3	377.1067	Asia	Books	1	-1.97241	-0.53393
C0044	3230.11	3	1076.703	Europe	Clothing	2	0.048075	1.874083
C0045	6021.8	7	860.2571	Asia	Electronics	0	1.804176	0.069873
C0046	5627.83	7	803.9757	North Ame	Clothing	0	1.555047	-0.12282

C0047	2870.54	7	410.0771 North Ame Books	1	-0.18854	-1.47146
C0048	3850.94	5	770.188 South Ame Books	3	0.284162	0.290274
C0049	2315.48	8	289.435 North Ame Electronics	1	-0.34679	-2.14672
C0050	3068.83	3	1022.943 North Ame Electronics	2	-0.10719	1.68904
C0051	5699.57	7	814.2243 Europe Electronics	0	1.600412	-0.08774
C0052	2488.01	4	622.0025 South Ame Home Decc	3	-0.76146	0.045283
C0053	5316.46	6	886.0767 Europe Clothing	0	1.313232	0.423192
C0054	8040.39	8	1005.049 Asia Electronics	0	3.096082	0.300154
C0055	2857.68	5	571.536 North Ame Electronics	1	-0.44236	-0.39168
C0056	3182.94	5	636.588 Asia Clothing	3	-0.20445	-0.16836
C0057	4536.4	6	756.0667 Europe Books	0	0.787748	-0.02253
C0058	396.34	1	396.34 North Ame Clothing	1	-2.75062	0.057651
C0059	7073.28	8	884.16 North Ame Home Decc	0	2.514477	-0.1132
C0060	82.36	1	82.36 Europe Home Decc	1	-3.4159	-1.02593
C0061	2138.26	3	712.7533 Europe Books	3	-1.00304	0.621365
C0062	1639.54	3	546.5133 Europe Clothing	3	-1.48315	0.049166
C0063	1378.17	2	689.085 Europe Books	3	-1.60086	0.803921
C0064	4039.77	5	807.954 Europe Books	2	0.422283	0.419921
C0065	7663.7	10	766.37 North Ame Home Decc	0	3.066167	-1.0447
C0066	3799.28	3	1266.427 Europe Electronics	2	0.596009	2.527111
C0067	4090.84	6	681.8067 North Ame Electronics	0	0.487598	-0.27712
C0068	5950.42	8	743.8025 North Ame Electronics	0	1.839206	-0.59312
C0069	2878.69	5	575.738 Europe Electronics	1	-0.42699	-0.37726
C0070	3125.49	4	781.3725 Europe Books	3	-0.2399	0.593111
C0071	1400.83	3	466.9433 South Ame Home Decc	1	-1.71295	-0.22471
C0072	2999.59	5	599.918 North Ame Electronics	1	-0.33856	-0.29425
C0073	2060.54	3	686.8467 Europe Books	3	-1.07786	0.532194
C0074	3055.22	3	1018.407 Europe Books	2	-0.12029	1.673425
C0075	5848.97	9	649.8856 Europe Books	0	1.901757	-1.17809
C0076	2333.06	5	466.612 South Ame Home Decc	1	-0.8261	-0.75188
C0077	837.3	3	279.1 South Ame Clothing	1	-2.25546	-0.87127
C0078	995.52	1	995.52 Asia Books	3	-1.48104	2.12548
C0079	4251.56	4	1062.89 North Ame Home Decc	2	0.681417	1.560815
C0080	1007.52	1	1007.52 Asia Home Decc	3	-1.45561	2.166893
C0081	3542.48	6	590.4133 Europe Home Decc	1	0.118198	-0.59045
C0082	7572.91	7	1081.844 South Ame Books	0	2.785026	0.828546
C0083	642.8	3	214.2667 South Ame Books	1	-2.4427	-1.09443
C0084	4441.1	9	493.4556 Asia Electronics	0	1.088997	-1.71225
C0085	2598.33	3	866.11 South Ame Electronics	3	-0.56013	1.149219
C0086	2754.68	5	550.936 Europe Home Decc	1	-0.5177	-0.4624
C0087	6604.23	7	943.4614 South Ame Electronics	0	2.172477	0.354749
C0088	2135.38	5	427.076 Asia Clothing	1	-0.97069	-0.8876
C0089	2556.22	2	1278.11 Europe Home Decc	2	-0.12626	2.834026
C0090	4138.16	7	591.1657 Asia Home Decc	0	0.613048	-0.85145
C0091	3137.66	6	522.9433 South Ame Electronics	1	-0.15451	-0.82176
C0092	3015.95	4	753.9875 Asia Clothing	3	-0.32952	0.498976
C0093	5294.99	9	588.3322 Asia Clothing	0	1.581946	-1.38828

C0094	1166.97	4	291.7425	North Ame	Books	1	-1.84229	-1.08997
C0095	1284.27	2	642.135	South Ame	Home Decr	3	-1.7184	0.642105
C0096	6072.92	5	1214.584	South Ame	Electronics	2	1.90944	1.815846
C0097	137.54	1	137.54	Asia	Home Decr	1	-3.29898	-0.83549
C0098	3158.02	8	394.7525	North Ame	Clothing	1	0.159898	-1.78661
C0099	6715.72	8	839.465	South Ame	Clothing	0	2.299446	-0.26602
C0100	5003.45	6	833.9083	Europe	Home Decr	0	1.102374	0.24434
C0101	5550.99	8	693.8738	Asia	Books	0	1.598995	-0.76384
C0102	6132.36	8	766.545	South Ame	Electronics	0	1.948622	-0.51535
C0103	2462.55	5	492.51	Europe	Home Decr	1	-0.73138	-0.66297
C0104	6579.1	8	822.3875	South Ame	Home Decr	0	2.217285	-0.32441
C0105	4807.45	6	801.2417	Europe	Electronics	0	0.97034	0.132346
C0106	2939.3	5	587.86	Asia	Clothing	1	-0.38266	-0.33564
C0107	3623.92	5	724.784	South Ame	Clothing	3	0.118108	0.134406
C0108	4848.54	7	692.6486	South Ame	Home Decr	0	1.06226	-0.50399
C0109	5487.25	11	498.8409	North Ame	Clothing	0	2.02958	-2.22018
C0110	942.32	1	942.32	Asia	Home Decr	3	-1.59376	1.941881
C0111	1973.02	5	394.604	Europe	Clothing	1	-1.08945	-0.99907
C0112	1959.51	3	653.17	South Ame	Books	3	-1.17512	0.416279
C0113	4812.1	8	601.5125	South Ame	Home Decr	0	1.154637	-1.07965
C0114	5780.43	5	1156.086	Europe	Electronics	2	1.695497	1.615027
C0115	3137.18	3	1045.727	Asia	Books	2	-0.04139	1.767461
C0116	2758.68	6	459.78	North Ame	Home Decr	1	-0.40981	-1.03831
C0117	4028.27	4	1007.068	North Ame	Books	2	0.498729	1.368928
C0118	3434.77	6	572.4617	South Ame	Books	1	0.045639	-0.65199
C0119	1191.61	5	238.322	Europe	Books	1	-1.66102	-1.53557
C0120	2470.02	3	823.34	South Ame	Electronics	3	-0.68366	1.002005
C0121	974.52	4	243.63	Europe	Books	1	-1.99975	-1.25536
C0122	5072.55	7	724.65	North Ame	Electronics	0	1.203914	-0.39442
C0123	1400.06	2	700.03	Asia	Home Decr	3	-1.57346	0.841643
C0124	4264.33	7	609.19	Europe	Home Decr	0	0.692833	-0.78974
C0125	2973.96	4	743.49	North Ame	Books	3	-0.36387	0.462891
C0126	4565.57	6	760.9283	South Ame	Books	0	0.807398	-0.00586
C0127	3232.88	6	538.8133	Europe	Electronics	1	-0.09036	-0.76735
C0128	773.19	2	386.595	Asia	Home Decr	1	-2.35814	-0.23863
C0129	2339.61	3	779.87	South Ame	Clothing	3	-0.8092	0.852381
C0130	601.36	1	601.36	South Ame	Electronics	3	-2.31621	0.765195
C0131	1943.82	3	647.94	North Ame	Books	3	-1.19022	0.398277
C0132	1851.26	3	617.0867	Europe	Books	3	-1.27933	0.29208
C0133	2884.33	4	721.0825	South Ame	Home Decr	3	-0.43721	0.385867
C0134	2679.28	5	535.856	Asia	Clothing	1	-0.57285	-0.51417
C0135	3135.58	4	783.895	Europe	Books	3	-0.23164	0.601782
C0136	4298.99	6	716.4983	Asia	Home Decr	0	0.627818	-0.15818
C0137	3332.55	5	666.51	South Ame	Books	3	-0.09502	-0.06564
C0138	5610.25	5	1122.05	Asia	Home Decr	2	1.571018	1.498185
C0139	3703.64	8	462.955	North Ame	Books	0	0.488026	-1.55341
C0140	1888.14	2	944.07	Asia	Electronics	3	-0.96252	1.68274

C0141	10673.87	10	1067.387	Europe	Clothing	0	4.745928	-0.01818
C0142	2239.04	4	559.76	Asia	Books	1	-0.96516	-0.16867
C0143	6044.63	7	863.5186	Asia	Clothing	0	1.818612	0.081039
C0144	1304.68	2	652.34	North Ame	Clothing	3	-1.69285	0.677277
C0145	5771.27	8	721.4088	Asia	Clothing	0	1.731468	-0.66969
C0146	2570.8	4	642.7	Asia	Books	3	-0.69373	0.11643
C0147	2948.44	9	327.6044	South Ame	Books	1	0.227287	-2.27859
C0148	5457.79	5	1091.558	South Ame	Home Decr	2	1.4595	1.393508
C0149	4404.78	5	880.956	Europe	Clothing	2	0.689271	0.670531
C0150	580.34	1	580.34	South Ame	Clothing	3	-2.36075	0.692653
C0151	223.96	1	223.96	South Ame	Home Decr	1	-3.11587	-0.53725
C0152	3385.86	5	677.172	South Ame	Home Decr	3	-0.05602	-0.02904
C0153	4744.79	6	790.7983	South Ame	Books	0	0.928129	0.096543
C0154	3703.61	6	617.2683	North Ame	Electronics	0	0.226742	-0.49838
C0155	5377.83	7	768.2614	South Ame	Books	0	1.396959	-0.2451
C0156	7634.45	11	694.0409	North Ame	Clothing	0	3.193926	-1.5554
C0157	1876.1	5	375.22	North Ame	Electronics	1	-1.16034	-1.06562
C0158	3716.52	4	929.13	South Ame	Clothing	2	0.243665	1.101021
C0159	2072.41	3	690.8033	Asia	Home Decr	3	-1.06643	0.545813
C0160	2926.93	5	585.386	North Ame	Home Decr	1	-0.39171	-0.34413
C0161	3141.83	8	392.7288	Asia	Books	1	0.150162	-1.79353
C0162	4802.24	8	600.28	Asia	Electronics	0	1.148708	-1.08386
C0163	5775.28	6	962.5467	South Ame	Home Decr	0	1.622314	0.685359
C0164	3087.69	5	617.538	Europe	Home Decr	1	-0.27412	-0.23376
C0165	6708.1	9	745.3444	South Ame	Clothing	0	2.397731	-0.85212
C0166	2405.35	4	601.3375	Europe	Home Decr	3	-0.82909	-0.02575
C0167	2300.42	3	766.8067	Europe	Books	3	-0.84693	0.807417
C0168	5053.83	4	1263.458	South Ame	Electronics	2	1.337809	2.250258
C0169	4533.32	6	755.5533	South Ame	Books	0	0.785673	-0.02429
C0170	4931.74	5	986.348	Europe	Home Decr	2	1.074718	1.032332
C0171	5145.35	5	1029.07	South Ame	Books	2	1.230964	1.178993
C0172	2201.7	6	366.95	Europe	Home Decr	1	-0.78501	-1.35656
C0173	5808.04	8	726.005	Asia	Clothing	0	1.753581	-0.65397
C0174	2891.95	5	578.39	South Ame	Books	1	-0.4173	-0.36815
C0175	6210.53	10	621.053	Asia	Clothing	0	2.255257	-1.54026
C0176	2331.32	3	777.1067	North Ame	Clothing	3	-0.81718	0.84287
C0177	2509.81	4	627.4525	Asia	Books	3	-0.74363	0.064018
C0178	2708.83	4	677.2075	Asia	Home Decr	3	-0.58079	0.235048
C0179	3652.83	6	608.805	Europe	Home Decr	1	0.192535	-0.5274
C0181	3347.6	6	557.9333	South Ame	Home Decr	1	-0.01308	-0.7018
C0182	4980.77	5	996.154	Europe	Home Decr	2	1.110582	1.065995
C0183	3850.22	5	770.044	North Ame	Electronics	3	0.283636	0.28978
C0184	3393.18	7	484.74	South Ame	Electronics	1	0.141957	-1.21583
C0185	3424.32	3	1141.44	North Ame	Books	2	0.235039	2.096907
C0186	1761.64	3	587.2133	Asia	Books	3	-1.3656	0.189256
C0187	4612.44	5	922.488	South Ame	Books	2	0.841165	0.813106
C0188	7111.32	8	888.915	South Ame	Books	0	2.537354	-0.09694

C0189	2643.21	5	528.642	North Ame Home Dec	1	-0.59924	-0.53893
C0190	2983.02	5	596.604	South Ame Electronics	1	-0.35068	-0.30562
C0191	2997.97	5	599.594	South Ame Books	1	-0.33975	-0.29536
C0192	2072.72	4	518.18	South Ame Electronics	1	-1.10124	-0.3116
C0193	3009.29	4	752.3225	Asia Books	3	-0.33497	0.493253
C0194	3869.17	7	552.7386	North Ame Electronics	0	0.442952	-0.98301
C0195	4036.27	6	672.7117	South Ame Home Dec	0	0.450837	-0.3083
C0196	4982.88	4	1245.72	Europe Home Dec	2	1.27976	2.189286
C0197	1928.65	3	642.8833	Europe Electronics	3	-1.20483	0.380872
C0198	931.83	2	465.915	Europe Clothing	1	-2.15956	0.034754
C0199	1979.28	4	494.82	Europe Home Dec	1	-1.17769	-0.3919
C0200	4758.6	5	951.72	Asia Clothing	2	0.948074	0.913457