



PT LENKO SURYA PERKASA

Laporan Pengelompokan Produk PT. Lenko Surya Perkasa Sidoarjo Tahun 2020

Dibuat Oleh: lenkoadmin

Nilai k: 5

Nama List Data: Tahun 2020

Hasil Pengelompokan Data Produk

Berikut adalah Medoid dan Hasil Pengelompokan Data Produk PT. Lenko Surya Perkasa pada Tahun 2020

Tabel Profiling Cluster 0

produk_rusak	tor	wsp	cluster
0.0	0.12916770230134175	347.7666113326574	0.0

Tabel Profiling Cluster 1

produk_rusak	tor	wsp	cluster
0.0	0.0019421246844047388	109158.8	1.0

Tabel Profiling Cluster 2

produk_rusak	tor	wsp	cluster
0.0	1.8425900075000816	133.39344375629432	2.0

Tabel Profiling Cluster 3

produk_rusak	tor	wsp	cluster
0.0	0.00468384074941452	45262.0	3.0

Tabel Profiling Cluster 4

produk_rusak	tor	wsp	cluster
0.0	4.942612298467517	44.75032861620704	4.0

Tabel Medoid Data Produk

Karakteristik produk dapat dilihat dari karakteristik medoid tiap cluster.

Produk	Produk Rusak	TOR	WSP	Cluster
Rod Powder Nat 100 gr	0	0.0	0.0	0
Sunbrite sabut cuci	0	0.0019421246844047388	109158.8	1
Rh.White cream 18 gr	0	1.7247746878703525	122.91460530520934	2
Rod Powder 100 gr (1C=144	0	0.00468384074941452	45262.0	3
Roll Tanpa Kor @ 20	0	5.949740725967292	35.63180477339769	4

Tabel Hasil Pengelompokan Produk

Produk yang telah dikelompokkan dapat dilihat pada tabel dibawah. Tabel telah diurutkan berdasarkan cluster.

Produk	Produk Rusak	TOR	WSP	Cluster
IPS 104	0	0.0	0.0	0
Rh.Classic 18 gr (kaca)	0	0.0	0.0	0
Nasa Napkin e-xtra 30's	0	0.0	0.0	0
Rh.Balsem Sereh 15 gr	0	0.0	0.0	0
Rh. Aromatherapy	0	0.1835564053537285	1154.9583333333333	0
Rh. Minyak Angin Putih roll on	0	0.0	0.0	0
Rod Lotion 100 ml	0	0.0	0.0	0
Nasa Napkin	0	0.6607373868046572	320.85364659813996	0
Rod Powder 60 gr	0	0.08137044967880086	2605.3684210526317	0
Monalisa Special 8	0	0.0	0.0	0
Rod Powder Nat 60 gr	0	0.0	0.0	0
Rod Powder Nat 100 gr	0	0.0	0.0	0
IPB 103	0	0.0	0.0	0
Salicyl Mentol 90 gr @ 6 ls	0	0.0	0.0	0
Rh.Classic 15 gr	0	0.0	0.0	0
Monalisa Plus 6	0	0.0	0.0	0
Salicyl Cool n Fresh	0	0.27848101265822783	761.2727272727274	0
Salicyl genesis 60 gr @ 18 ls	0	0.7106598984771574	298.3142857142857	0
Monalisa Plus 12	0	0.0	0.0	0
Dinner Napkin	0	0.0	0.0	0
Facial polos small	0	0.748829953198128	283.10833333333335	0
Facial Travel Pack 50's	0	0.34427327528466173	615.7898832684825	0
Facial Travel Pack Mini	0	0.26277372262773724	806.7777777777777	0
IPA 102 @72	0	0.0	0.0	0
IPB 101 @36	0	0.0	0.0	0
IPB 102 @72	0	0.0	0.0	0
IPM 104 @36	0	0.031088082901554404	6819.333333333333	0
IPN 110 @36	0	0.7772020725388601	272.7733333333333	0
IPS 102 @36	0	0.0	0.0	0
Salicyl Non Mentol 90 gr	0	0.0	0.0	0
IPS 110 @36	0	0.08	2650.0	0

Produk	Produk Rusak	TOR	WSP	Cluster
Rh. Minyak Gosok 60 ml	0	0.0	0.0	0
Rh. Inhaler	0	0.6640776699029126	319.2397660818713	0
IPA 105	0	0.0	0.0	0
IPA 110	0	0.0	0.0	0
OBH Anak Orange 100 ml	0	0.1575492341356674	1345.6111111111111	0
IPA 103	0	0.0	0.0	0
Dexanel	0	0.4369747899159664	485.15384615384613	0
Dermol	0	0.3991130820399113	531.1777777777778	0
Flukol X-tra box	0	0.0	0.0	0
IPA 111	0	0.0	0.0	0
Minyak kayu putih 30 ml	0	0.0	0.0	0
Minyak kayu putih 60 ml	0	0.0	0.0	0
Minyak Telon 30 ml	0	0.0	0.0	0
Minyak Telon 60 ml	0	0.0	0.0	0
IPA 108	0	0.0	0.0	0
Rh. Minyak Gosok 30 ml	0	0.0	0.0	0
Minyak Telon Nellco 30 ml	0	0.0	0.0	0
Mkp Nellco 30 ml	0	0.0	0.0	0
Mkp Nellco 60 ml	0	0.0	0.0	0
Sunbrite Spon	0	0.0	0.0	0
Roll Tanpa Kor Polos @ 10	0	0.6	353.3333333333337	0
Rh. Green balm I	0	0.2756052141527002	769.2162162162163	0
PHB 54	0	0.37924528301886795	559.0049751243781	0
OBH 30 ml	0	0.0	0.0	0
Minyak Telon Nellco 60 ml	0	0.0	0.0	0
OBH anak 100 ml	0	0.0	0.0	0
OBH anak 30 ml	0	0.0	0.0	0
OBH anak 55 ml	0	0.8076923076923077	262.4761904761905	0
OBH Anak Sachet	0	0.0	0.0	0
OBH sachet 7.5 ml 25'	0	0.0	0.0	0
Sunbrite sabut cuci	0	0.0019421246844047388	109158.8	1
Nasa Roll	0	1.017462482946794	208.3614910163583	2
Monalisa Maternity	0	1.4487179487179487	146.3362831858407	2
Monalisa Jumbo	0	3.3230769230769233	63.79629629629629	2
Martell lembaran 1/2 kg	0	1.3568904593639577	156.23958333333331	2
OBH Anak Straw 55 ml	0	2.515513126491647	84.27703984819735	2
IPN 104 @36	0	1.4851485148514851	142.74666666666667	2

Produk	Produk Rusak	TOR	WSP	Cluster
OBH Anak Straw 100 ml	0	2.2710280373831777	93.34979423868312	2
OBH Anak Orange 55 ml	0	1.6747404844290656	126.58677685950414	2
Lauramox	0	2.4864864864864864	85.26086956521739	2
Kalk tab 30'	0	2.4466019417475726	86.65079365079366	2
Nellcoplus 100 ml	0	0.940809968847352	225.33774834437085	2
Nellcoplus 55 ml	0	2.1271929824561404	99.6618556701031	2
OBH Berdahak 100 ml	0	1.2401433691756272	170.94797687861274	2
OBH Spc Jahe 100 ml	0	2.776595744680851	76.35249042145594	2
OBH Madu 100 ml	0	1.8751902587519025	113.05519480519482	2
Martell lembaran 1 kg	0	1.0966810966810967	193.31052631578947	2
OBH Jahe 55 ml	0	1.564676616915423	135.4912559618442	2
OBH 100 ml	0	1.971889640812077	107.51108764519536	2
OBH 55 ml	0	3.0855073809302755	68.70831076608293	2
Rh.White cream 18 gr	0	1.7247746878703525	122.91460530520934	2
Rod Lotion 60 ml	0	0.918918918918919	230.70588235294116	2
Salicyl Non Mentol 60 gr	0	0.9923111714156491	213.6426618049225	2
Aloha Ecopack 56's	0	1.1278863232682061	187.96220472440942	2
Facial polos large	0	1.3394495412844036	158.27397260273972	2
OBH Madu 55 ml	0	2.1376281112737923	99.17534246575342	2
Salicyl menthol 60 gr@ 18 ls	0	2.9620179762249927	71.57282693813626	2
Rod Powder 100 gr (1C=144	0	0.00468384074941452	45262.0	3
Roll Tanpa Kor @ 20	0	5.949740725967292	35.63180477339769	4
O B H Berdahak 55 ml	0	3.935483870967742	53.868852459016395	4

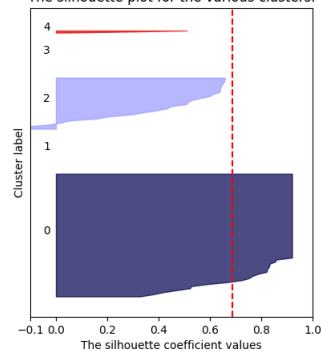
Visualisasi Silhouette Score Data Produk

Silhouette Score :

0.6861836182408481

Silhouette analysis for KMeans clustering on sample data with n_clusters = 5

The silhouette plot for the various clusters.



The visualization of the clustered data.

