



PT LENKO SURYA PERKASA

## Laporan Pengelompokan Produk PT. Lenko Surya Perkasa Sidoarjo Test

Dibuat Oleh: lenkoadmin

Nilai k: 5

Nama List Data: Test

### Hasil Pengelompokan Data Produk

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

### Tabel Medoid Data Produk

Karakteristik produk dapat dilihat dari karakteristik medoid tiap cluster.

Produk	Produk Rusak	TOR	WSP	Cluster
Mkp Nelico 60 ml	4	0.0	0.0	0
Nasa Napkin e-xtra 30's	59	0.003663003663003663	99645.0	1
OBH Anak Straw 55 ml	10	7.014409221902017	52.03574363188168	2
Flukol X-tra box	1400	0.0	0.0	3
Salicyl genesis 60 gr @ 18 ls	9	2.4	152.08333333333334	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
Rod Lotion 60 ml	13	0.0	0.0	0
Rh. Minyak Gosok 60 ml	0	0.0	0.0	0
Rh.Classic 15 gr	19	0.0	0.0	0
Rh.Classic 18 gr (kaca)	76	0.0	0.0	0
Rh.Balsem Sereh 15 gr	0	0.0	0.0	0
Rh. Aromatherapy	24	0.0	0.0	0
Rh. Minyak Angin Putih roll on	49	0.43037974683544306	848.0882352941176	0
Rod Lotion 100 ml	0	0.0	0.0	0
Mkp Nelico 30 ml	71	0.0	0.0	0
Rod Powder 60 gr	25	0.4700854700854701	776.4545454545455	0
Rod Powder Nat 60 gr	61	0.3163265306122449	1153.8709677419354	0
Rod Powder Nat 100 gr	77	0.5643564356435643	646.7543859649123	0
Salcyl Non Mentol 90 gr	42	0.13333333333333333	2737.5	0
Salcyl Cool n Fresh	33	0.14067278287461774	2594.6739130434785	0
Dinner Napkin	0	0.0	0.0	0
Facial polos small	0	0.0	0.0	0
IPB 101 @36	0	0.0	0.0	0
IPM 104 @36	17	0.0	0.0	0
IPS 102 @36	0	0.2878787878787879	1267.8947368421052	0
Monalisa Plus 12	0	0.0	0.0	0
Monalisa Plus 6	0	0.0	0.0	0
Monalisa Special 8	0	0.0	0.0	0
Roll Tanpa Kor Polos @ 10	0	0.0	0.0	0
Sunbrite sabut cuci	0	0.1480973603016798	2464.5949074074074	0
Sunbrite Spon	0	0.040387042490534285	9037.552083333334	0
Mkp Nelico 60 ml	4	0.0	0.0	0
Rh. Minyak Gosok 30 ml	0	0.0	0.0	0
Rh. Green balm I	8	0.5627836611195158	648.5618279569893	0
Minyak Telon Nelico 60 ml	0	0.0	0.0	0
Minyak kayu putih 60 ml	0	0.0	0.0	0
OBH Berdahak 100 ml	123	0.4227005870841487	863.4953703703704	0

Produk	Produk Rusak	TOR	WSP	Cluster
Minyak kayu putih 30 ml	0	0.0	0.0	0
Lauramox	60	0.5	730.0	0
OBH Anak Orange 100 ml	237	0.20924574209245742	1744.360465116279	0
OBH 30 ml	22	0.0	0.0	0
Minyak Telon 60 ml	0	0.0	0.0	0
Minyak Telon 30 ml	0	0.0	0.0	0
OBH anak 100 ml	301	0.1645021645021645	2218.815789473684	0
OBH anak 30 ml	9	0.0	0.0	0
OBH Anak Straw 100 ml	153	0.5591397849462365	652.7884615384615	0
Dermol	0	0.013422818791946308	27192.5	0
Nasa Napkin e-xtra 30's	59	0.003663003663003663	99645.0	1
Aloha Ecopack 56's	38	7.292748433303491	50.049717652835746	2
Martell lembaran 1/2 kg	19	4.842105263157895	75.3804347826087	2
Monalisa Jumbo	0	5.827956989247312	62.62915129151291	2
Kalk tab 30'	12	8.100418410041842	45.05940082644628	2
Martell lembaran 1 kg	0	9.297297297297296	39.25872093023256	2
OBH Anak Straw 55 ml	10	7.014409221902017	52.03574363188168	2
OBH Spc Jahe 100 ml	85	4.805194805194805	75.95945945945945	2
OBH Jahe 55 ml	54	5.6	65.17857142857143	2
OBH Madu 55 ml	64	7.160975609756098	50.97070844686648	2
OBH 100 ml	10	5.470528455284553	66.72115920490432	2
Rh.White cream 18 gr	157	7.413037627173386	49.23757551992564	2
OBH 55 ml	9	8.454406520631686	43.17275247047481	2
OBH Anak Orange 55 ml	8	5.160762942779291	70.72597676874341	2
Nasa Napkin	190	8.202055685662243	44.50103900636094	2
Roll Tanpa Kor @ 20	0	5.6242711370262395	64.89729799779693	2
Flukol X-tra box	1400	0.0	0.0	3
OBH Anak Sachet	1410	0.01411764705882353	25854.166666666664	3
IPB 102 @72	0	2.221317040054311	164.3169315403423	4
Rh. Inhaler	6	2.9283018867924526	124.64561855670104	4
OBH anak 55 ml	241	1.3480662983425415	270.75819672131144	4
OBH Madu 100 ml	146	3.953846153846154	92.31517509727627	4
Rod Powder 100 gr ( 1C=144	14	1.3725490196078431	265.92857142857144	4
O B H Berdahak 55 ml	112	2.6149732620320854	139.58077709611453	4
PHB 54	23	4.25204117855875	85.84112539656037	4
Salicyl menthol 60 gr@ 18 ls	30	2.9143101970865466	125.2440458688621	4
Salicyl Mentol 90 gr @ 6 ls	0	2.0	182.5	4

Produk	Produk Rusak	TOR	WSP	Cluster
Dexanel	3	3.9393939393939394	92.65384615384615	4
IPA 102 @72	35	3.2954545454545454	110.75862068965517	4
Salicyl Non Mentol 60 gr	38	3.369341563786008	108.32977099236642	4
Monalisa Maternity	0	2.2615384615384615	161.39455782312925	4
Nellcoplus 100 ml	79	1.5856777493606138	230.18548387096774	4
Salicyl genesis 60 gr@ 18 ls	9	2.4	152.08333333333334	4
Facial polos large	17	3.8115942028985508	95.76045627376426	4
IPS 110 @36	32	2.515769944341373	145.08480825958702	4
OBH sachet 7.5 ml 25'	43	1.688388625592417	216.1824561403509	4
IPN 110 @36	36	1.5368421052631578	237.50000000000003	4
IPN 104 @36	0	2.148550724637681	169.88195615514334	4
Facial Travel Pack Mini	5	2.472560975609756	147.62022194821208	4
Nellcoplus 55 ml	3	2.0397350993377485	178.94480519480518	4
Facial Travel Pack 50's	0	1.6637703060068	219.38124432334243	4

## Visualisasi Silhouette Score Data Produk

Silhouette Score :

0.545834094419756

**Silhouette analysis for KMeans clustering on sample data with n\_clusters = 5**

