



**PT LENKO SURYA PERKASA**

## Laporan Pengelompokan Produk PT. Lenko Surya Perkasa Sidoarjo Tahun 2019

Dibuat Oleh: lenkoadmin

5

Tahun 2019

### Hasil Pengelompokan Data Produk

Berikut adalah Medoid dan Hasil Pengelompokan Data Produk PT. Lenko Surya Perkasa pada Tahun 2019

### Tabel Medoid Data Produk

Karakteristik produk dapat dilihat dari karakteristik medoid tiap cluster.

Produk	Produk Rusak	TOR	WSP	Cluster
Lauramox	0	0.0	0.0	0
IPB 101 @36	0	0.015128593040847202	24126.5	1
OBH Anak Sachet	1439	0.3901060070671378	935.6431159420289	2
OBH Anak Orange 55 ml	47	10.213836477987421	35.735837438423644	3
OBH 55 ml	0	4.215377646925603	86.58773437919733	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. Minyak Gosok 30 ml	0	0.0	0.0	0
Rh. Minyak Gosok 60 ml	0	0.0	0.0	0
Rh.Balsem Sereh 15 gr	0	0.0	0.0	0
Rh. Aromatherapy	1	2.0579710144927534	177.35915492957747	0
Rh. Minyak Angin Putih roll on	9	0.0	0.0	0
Rod Lotion 100 ml	0	0.0	0.0	0
Rod Lotion 60 ml	0	1.7058823529411764	213.96551724137933	0
Rod Powder 60 gr	7	0.5036674816625917	724.6844660194175	0
Rod Powder 100 gr ( 1C=144	0	0.5843828715365239	624.5905172413793	0
Rod Powder Nat 60 gr	16	1.1366120218579234	321.12980769230774	0
Rod Powder Nat 100 gr	46	1.7	214.7058823529412	0
IPB 103	0	0.1601489757914339	2279.1279069767443	0
Rh. Inhaler	11	2.0539956803455723	177.7024185068349	0
Salycil Mentol 90 gr @ 6 ls	2	0.0	0.0	0
Salycil Cool n Fresh	12	0.8729641693811075	418.11567164179104	0
Salicyl genesis 60 gr@ 18 ls	6	0.6857142857142857	532.2916666666666	0
Dinner Napkin	80	0.0	0.0	0
Nasa Napkin e-xtra 30's	282	0.0	0.0	0
Monalisa Special 8	0	0.0	0.0	0
Monalisa Plus 6	0	0.0	0.0	0
IPB 102 @72	1	1.6058588548601864	227.2927031509121	0
IPM 104 @36	0	0.432	844.9074074074074	0
Monalisa Plus 12	0	0.0	0.0	0
IPN 110 @36	0	1.937142857142857	188.42182890855457	0
IPS 102 @36	0	0.0657030223390276	5555.3	0
IPS 110 @36	0	1.4434782608695653	252.86144578313252	0
Salycil Non Mentol 90 gr	16	0.0	0.0	0
Rh. Green balm I	5	1.7791411042944785	205.1551724137931	0
Rh.Classic 15 gr	9	0.0	0.0	0
Nellcoplus 100 ml	0	1.3133333333333332	277.9187817258883	0

Produk	Produk Rusak	TOR	WSP	Cluster
Minyak kayu putih 30 ml	1	0.0	0.0	0
Minyak kayu putih 60 ml	8	0.0	0.0	0
Minyak Telon 30 ml	0	0.0	0.0	0
Minyak Telon 60 ml	6	0.0	0.0	0
Roll Tanpa Kor Polos @ 10	1	1.1665150136487716	312.8978159126365	0
Dermol	20	0.13799448022079117	2645.0333333333333	0
IPA 103	217	0.0	0.0	0
Dexanel	12	1.1355932203389831	321.4179104477612	0
IPA 111	18	0.0	0.0	0
IPA 108	65	0.0	0.0	0
Flukol X-tra box	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
OBH 30 ml	0	0.0	0.0	0
Sunbrite Spon	0	0.06420404573438875	5685.0	0
OBH anak 100 ml	33	0.0	0.0	0
Lauramox	0	0.0	0.0	0
IPA 110	52	0.0	0.0	0
IPA 105	7	0.5484949832775919	665.4573170731708	0
OBH anak 30 ml	0	0.0	0.0	0
Sunbrite sabut cuci	0	0.04361016306408798	8369.608695652174	0
Minyak Telon Nellco 60 ml	0	0.0	0.0	0
Kalk tab 30'	0	1.6058041112454655	227.3004518072289	0
IPB 101 @36	0	0.015128593040847202	24126.5	1
OBH Anak Sachet	1439	0.3901060070671378	935.6431159420289	2
Facial polos small	38	12.359550561797754	29.53181818181818	3
Nasa Roll	0	8.04974368710841	45.34305863484127	3
OBH Berdahak 100 ml	602	14.462337662337662	25.23796695402299	3
Rh.Classic 18 gr (kaca)	185	9.887323943661972	36.91595441595442	3
OBH Anak Orange 55 ml	47	10.213836477987421	35.735837438423644	3
PHB 54	28	6.267921795800145	58.23301756007393	4
Roll Tanpa Kor @ 20	11	7.185356454720616	50.797758232328654	4
Monalisa Maternity	0	3.835616438356164	95.16071428571429	4
Nasa Napkin	0	4.676654641831702	78.04724273097932	4
Monalisa Jumbo	1	6.0	60.833333333333336	4
OBH Anak Straw 55 ml	44	4.956521739130435	73.64035087719299	4

Produk	Produk Rusak	TOR	WSP	Cluster
Martell lembaran 1 kg	0	2.859437751004016	127.64747191011236	4
OBH Anak Straw 100 ml	7	2.915360501567398	125.1989247311828	4
OBH Anak Orange 100 ml	14	5.170588235294118	70.59158134243458	4
Nellcoplus 55 ml	40	3.0396039603960396	120.0814332247557	4
O B H Berdahak 55 ml	32	3.7674418604651163	96.88271604938272	4
OBH Spc Jahe 100 ml	11	3.1892925430210326	114.44544364508393	4
OBH Madu 100 ml	8	3.190207156308851	114.41263282172373	4
OBH Jahe 55 ml	34	5.051063829787234	72.26200505475991	4
OBH Madu 55 ml	0	6.771929824561403	53.89896373056995	4
OBH 100 ml	20	4.835643983490317	75.48115643876389	4
Martell lembaran 1/2 kg	0	4.399658411614005	82.96098602484473	4
OBH 55 ml	0	4.215377646925603	86.58773437919733	4
OBH sachet 7.5 ml 25'	195	2.42360248447205	150.60225525371604	4
Rh.White cream 18 gr	132	4.448956641259528	82.04170762533352	4
Salicyl Non Mentol 60 gr	20	3.6923076923076925	98.85416666666666	4
Aloha Ecopack 56's	0	4.497737556561086	81.15191146881288	4
Facial polos large	13	3.6483516483516483	100.04518072289157	4
Facial Travel Pack 50's	1	3.009407858328722	121.28631849944831	4
Facial Travel Pack Mini	29	3.6031434184675835	101.30043620501635	4
IPA 102 @72	0	5.491525423728813	66.46604938271605	4
IPN 104 @36	0	2.9	125.86206896551724	4
OBH anak 55 ml	49	4.487804878048781	81.33152173913042	4
Salicyl menthol 60 gr@ 18 ls	25	4.717069368667186	77.37855254461336	4

Visualisasi Silhouette Score Data Produk

Silhouette Score :  
0.534280696557729

