



PT LENKO SURYA PERKASA

Laporan Pengelompokan Produk PT. Lenko Surya Perkasa Sidoarjo Tahun 2018

Dibuat Oleh: lenkoadmin

Nilai k: 5

Nama List Data: Tahun 2018

Hasil Pengelompokan Data Produk

Berikut adalah Medoid dan Hasil Pengelompokan Data Produk PT. Lenko Surya Perkasa pada Tahun 2018

Tabel Profiling Cluster 0

| produk_rusak | tor | wsp |
|--------------|----------------------|--------------------|
| 34.3125 | 0.5599493056878225 | 919.1078464047531 |
| 59.0 | 0.003663003663003663 | 99645.0 |
| 48.375 | 5.616924777761896 | 72.97505539542385 |
| 1400.0 | 0.0 | 0.0 |
| 1410.0 | 0.01411764705882353 | 25854.166666666664 |

Tabel Profiling Cluster 1

| produk_rusak | tor | wsp | cluster |
|--------------|----------------------|---------|---------|
| 59.0 | 0.003663003663003663 | 99645.0 | 1.0 |

Tabel Profiling Cluster 2

| produk_rusak | tor | wsp | cluster |
|--------------|-------------------|-------------------|---------|
| 48.375 | 5.616924777761898 | 72.97505539542385 | 2.0 |

Tabel Profiling Cluster 3

| produk_rusak | tor | wsp | cluster |
|--------------|-----|-----|---------|
| 1400.0 | 0.0 | 0.0 | 3.0 |

Tabel Profiling Cluster 4

| produk_rusak | tor | wsp | cluster |
|--------------|---------------------|--------------------|---------|
| 1410.0 | 0.01411764705882353 | 25854.166666666664 | 4.0 |

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 Jahe 55 ml | 54 | 5.6 | 65.17857142857143 | 2 |
| Flukol X-tra box | 1400 | 0.0 | 0.0 | 3 |
| OBH Anak Sachet | 1410 | 0.01411764705882353 | 25854.166666666664 | 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 | 77 | 0.0 | 0.0 | 0 |
| Monalisa Plus 12 | 0 | 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 |
| Rod Lotion 60 ml | 13 | 0.0 | 0.0 | 0 |
| Rod Powder 60 gr | 25 | 0.4700854700854701 | 776.4545454545455 | 0 |
| Rod Powder 100 gr (1C=144 | 14 | 1.3725490196078431 | 265.92857142857144 | 0 |
| Rod Powder Nat 60 gr | 61 | 0.3163265306122449 | 1153.8709677419354 | 0 |
| Rod Powder Nat 100 gr | 77 | 0.5643564356435643 | 646.7543859649123 | 0 |
| IPB 103 | 0 | 0.0 | 0.0 | 0 |
| Salycil Mentol 90 gr @ 6 ls | 0 | 2.0 | 182.5 | 0 |
| Salycil Non Mentol 90 gr | 42 | 0.13333333333333333 | 2737.5 | 0 |
| Rh.Classic 15 gr | 19 | 0.0 | 0.0 | 0 |
| Salycil 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 |
| Facial Travel Pack 50's | 0 | 1.6637703060068 | 219.38124432334243 | 0 |
| Facial Travel Pack Mini | 5 | 2.472560975609756 | 147.62022194821208 | 0 |
| IPB 101 @36 | 0 | 0.0 | 0.0 | 0 |
| IPB 102 @72 | 0 | 2.221317040054311 | 164.3169315403423 | 0 |
| IPM 104 @36 | 17 | 0.0 | 0.0 | 0 |
| IPN 104 @36 | 0 | 2.148550724637681 | 169.88195615514334 | 0 |
| IPN 110 @36 | 36 | 1.5368421052631578 | 237.50000000000003 | 0 |
| IPS 102 @36 | 0 | 0.2878787878787879 | 1267.8947368421052 | 0 |
| IPS 110 @36 | 32 | 2.515769944341373 | 145.08480825958702 | 0 |
| Monalisa Special 8 | 0 | 0.0 | 0.0 | 0 |
| Monalisa Plus 6 | 0 | 0.0 | 0.0 | 0 |
| Salicyl genesis 60 gr @ 18 ls | 9 | 2.4 | 152.08333333333334 | 0 |
| Rh. Minyak Gosok 60 ml | 0 | 0.0 | 0.0 | 0 |

| Produk | Produk Rusak | TOR | WSP | Cluster |
|---------------------------|--------------|----------------------|--------------------|---------|
| Rh.Classic 18 gr (kaca) | 76 | 0.0 | 0.0 | 0 |
| Roll Tanpa Kor Polos @ 10 | 0 | 0.0 | 0.0 | 0 |
| OBH Anak Straw 100 ml | 153 | 0.5591397849462365 | 652.7884615384615 | 0 |
| IPA 105 | 67 | 1.0037037037037038 | 363.6531365313653 | 0 |
| OBH Anak Orange 100 ml | 237 | 0.20924574209245742 | 1744.360465116279 | 0 |
| Lauramox | 60 | 0.5 | 730.0 | 0 |
| IPA 110 | 0 | 0.0 | 0.0 | 0 |
| Dermol | 0 | 0.013422818791946308 | 27192.5 | 0 |
| IPA 103 | 54 | 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 |
| Nellcoplus 100 ml | 79 | 1.5856777493606138 | 230.18548387096774 | 0 |
| Rh. Minyak Gosok 30 ml | 0 | 0.0 | 0.0 | 0 |
| OBH Berdahak 100 ml | 123 | 0.4227005870841487 | 863.4953703703704 | 0 |
| Nellcoplus 55 ml | 3 | 2.0397350993377485 | 178.94480519480518 | 0 |
| OBH 30 ml | 22 | 0.0 | 0.0 | 0 |
| Rh. Green balm I | 8 | 0.5627836611195158 | 648.5618279569893 | 0 |
| OBH sachet 7.5 ml 25' | 43 | 1.688388625592417 | 216.1824561403509 | 0 |
| Sunbrite sabut cuci | 0 | 0.1480973603016798 | 2464.5949074074074 | 0 |
| OBH anak 55 ml | 241 | 1.3480662983425415 | 270.75819672131144 | 0 |
| OBH anak 30 ml | 9 | 0.0 | 0.0 | 0 |
| OBH anak 100 ml | 301 | 0.1645021645021645 | 2218.815789473684 | 0 |
| Sunbrite Spon | 0 | 0.040387042490534285 | 9037.552083333334 | 0 |
| O B H Berdahak 55 ml | 112 | 2.6149732620320854 | 139.58077709611453 | 0 |
| Monalisa Maternity | 0 | 2.2615384615384615 | 161.39455782312925 | 0 |
| Mkp Nellco 60 ml | 4 | 0.0 | 0.0 | 0 |
| Mkp Nellco 30 ml | 71 | 0.0 | 0.0 | 0 |
| Minyak Telon Nellco 60 ml | 0 | 0.0 | 0.0 | 0 |
| Minyak Telon Nellco 30 ml | 0 | 0.0 | 0.0 | 0 |
| IPA 108 | 0 | 0.0 | 0.0 | 0 |
| Nasa Napkin e-xtra 30's | 59 | 0.003663003663003663 | 99645.0 | 1 |
| Roll Tanpa Kor @ 20 | 0 | 5.6242711370262395 | 64.89729799779693 | 2 |
| Nasa Roll | 207 | 6.075742600010404 | 60.07496104251931 | 2 |
| Nasa Napkin | 190 | 8.202055685662243 | 44.50103900636094 | 2 |

| Produk | Produk Rusak | TOR | WSP | Cluster |
|------------------------------|--------------|---------------------|--------------------|---------|
| PHB 54 | 23 | 4.25204117855875 | 85.84112539656037 | 2 |
| OBH Anak Straw 55 ml | 10 | 7.014409221902017 | 52.03574363188168 | 2 |
| Martell lembaran 1/2 kg | 19 | 4.842105263157895 | 75.3804347826087 | 2 |
| OBH Anak Orange 55 ml | 8 | 5.160762942779291 | 70.72597676874341 | 2 |
| Dexanel | 3 | 3.9393939393939394 | 92.65384615384615 | 2 |
| Kalk tab 30' | 12 | 8.100418410041842 | 45.05940082644628 | 2 |
| OBH Spc Jahe 100 ml | 85 | 4.805194805194805 | 75.95945945945945 | 2 |
| OBH Madu 100 ml | 146 | 3.953846153846154 | 92.31517509727627 | 2 |
| OBH Jahe 55 ml | 54 | 5.6 | 65.17857142857143 | 2 |
| OBH Madu 55 ml | 64 | 7.160975609756098 | 50.97070844686648 | 2 |
| Monalisa Jumbo | 0 | 5.827956989247312 | 62.62915129151291 | 2 |
| OBH 100 ml | 10 | 5.470528455284553 | 66.72115920490432 | 2 |
| Rh. Inhaler | 6 | 2.9283018867924526 | 124.64561855670104 | 2 |
| Rh.White cream 18 gr | 157 | 7.413037627173386 | 49.23757551992564 | 2 |
| Salicyl Non Mentol 60 gr | 38 | 3.369341563786008 | 108.32977099236642 | 2 |
| Aloha Ecopack 56's | 38 | 7.292748433303491 | 50.049717652835746 | 2 |
| Facial polos large | 17 | 3.8115942028985508 | 95.76045627376426 | 2 |
| IPA 102 @72 | 35 | 3.2954545454545454 | 110.75862068965517 | 2 |
| Martell lembaran 1 kg | 0 | 9.297297297297296 | 39.25872093023256 | 2 |
| OBH 55 ml | 9 | 8.454406520631686 | 43.17275247047481 | 2 |
| Salicyl menthol 60 gr@ 18 ls | 30 | 2.9143101970865466 | 125.2440458688621 | 2 |
| Flukol X-tra box | 1400 | 0.0 | 0.0 | 3 |
| OBH Anak Sachet | 1410 | 0.01411764705882353 | 25854.166666666664 | 4 |

Visualisasi Silhouette Score Data Produk

Silhouette Score :
0.6155647696729526

