



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

Berikut hasil profiling tiap cluster dari nilai rata-rata variabel

| cluster | produk_rusak | tor | wsp |
|---------|--------------|----------------------|--------------------|
| 0.0 | 34.3125 | 0.5599493056878225 | 919.1078464047531 |
| 1.0 | 59.0 | 0.003663003663003663 | 99645.0 |
| 2.0 | 48.375 | 5.616924777761896 | 72.97505539542385 |
| 3.0 | 1400.0 | 0.0 | 0.0 |
| 4.0 | 1410.0 | 0.01411764705882353 | 25854.166666666664 |

Tabel Medoid Data Produk

Karakteristik produk dapat dilihat dari karakteristik medoid tiap cluster.

| Produk | Produk Rusak | TOR | WSP | Cluster |
|-------------------------|--------------|----------------------|---------|---------|
| Mkp Nellco 60 ml | 4 | 0.0 | 0.0 | 0 |
| Nasa Napkin e-xtra 30's | 59 | 0.003663003663003663 | 99645.0 | 1 |

| Produk | Produk Rusak | TOR | WSP | Cluster |
|------------------|--------------|---------------------|--------------------|---------|
| 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

