

CARA MENJALANKAN PROGRAM

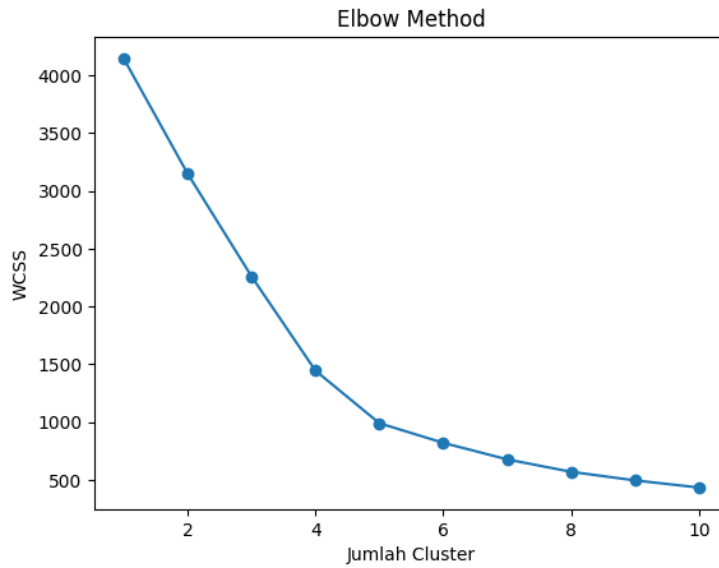
1. Hasil dari label encoding

	Jenis Produk	Product_Encoded
0	Foodpak260	40
1	FoodpakMatte245	49
2	CraftLaminasi290	21
3	CraftLaminasi290	21
4	Dupleks310	29
5	Dupleks310	29
6	Ivory270	72
7	Kinstruk130	79
8	HVS	59
9	Dupleks350	33

2. Hasil dari standarisasi

	Tanggal	Jenis Produk	Jumlah Order	Harga	Total	Product_Encoded
0	5/8/2022	Foodpak260	-0.370158	0.029546	-0.327428	-0.212871
1	5/8/2022	FoodpakMatte245	-0.370158	0.058845	-0.270226	0.226344
2	5/8/2022	CraftLaminasi290	1.205197	-0.278089	0.788007	-1.140103
3	5/8/2022	CraftLaminasi290	-0.370158	-0.146245	-0.670638	-1.140103
4	7/8/2022	Dupleks310	-0.370158	-0.043700	-0.470432	-0.749690

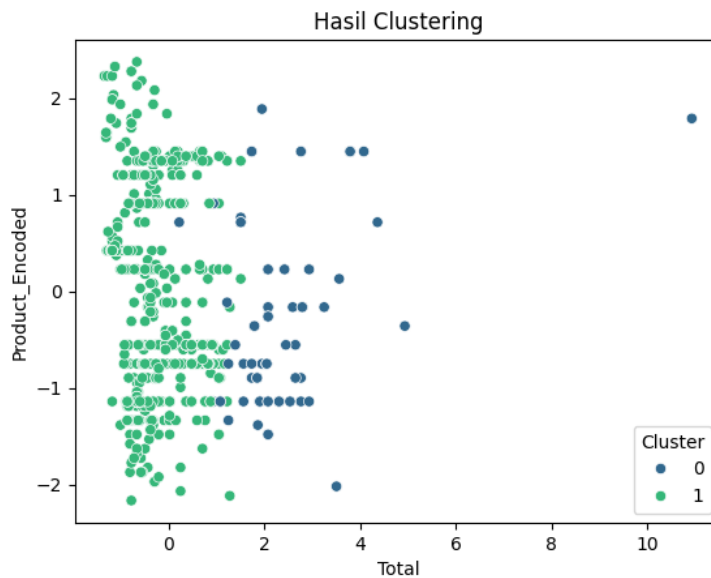
3. Hasil elbow method



4. Hasil dari Silhouette score

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K: 2, Silhouette Score: 0.5645103280299557
K: 3, Silhouette Score: 0.4015173845836231
K: 4, Silhouette Score: 0.4624904073776363
K: 5, Silhouette Score: 0.4817477212206386
K: 6, Silhouette Score: 0.49787830176589265
K: 7, Silhouette Score: 0.4570553240942829
K: 8, Silhouette Score: 0.3975858980245246
K: 9, Silhouette Score: 0.4000306665220618
K: 10, Silhouette Score: 0.42703779893225247
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5. Hasil dari clustering



6. Hasil distribusi data per cluster

Cluster		Jumlah Data
0	1	934
1	0	102