

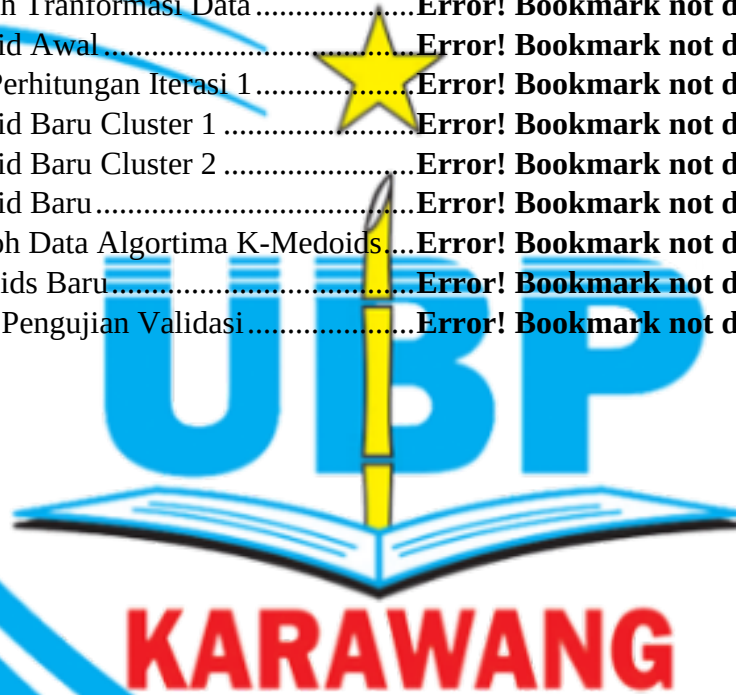
DAFTAR ISI

LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERNYATAAN	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI.....	viii
DAFTAR TABEL	x
DAFTAR GAMBAR.....	xi
DAFTAR LAMPIRAN.....	xiii
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Rumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan Penelitian	Error! Bookmark not defined.
1.4 Manfaat	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1 Data mining.....	Error! Bookmark not defined.
2.2 Clustering.....	Error! Bookmark not defined.
2.3 Tempat Tinggal	Error! Bookmark not defined.
2.4 Bencana Alam	Error! Bookmark not defined.
2.5 Algoritma K-Means	Error! Bookmark not defined.
2.6 Algoritma K-Medoids	Error! Bookmark not defined.
2.7 Metode Ellbow	Error! Bookmark not defined.
2.8 Python	Error! Bookmark not defined.
2.9 Silhoutte Coefficient	Error! Bookmark not defined.
2.10 Penelitian Terkait	Error! Bookmark not defined.
BAB III METODE PENELITIAN	Error! Bookmark not defined.
3.1 Objek Penelitian.....	Error! Bookmark not defined.
3.2. Peralatan Penelitian.....	Error! Bookmark not defined.
3.3 Lokasi dan Waktu Penelitian	Error! Bookmark not defined.
3.4 Prosedur Penelitian.....	Error! Bookmark not defined.

3.5 Analisis Masalah	Error! Bookmark not defined.
3.6 Studi Literatur	Error! Bookmark not defined.
3.7 Pengumpulan Data	Error! Bookmark not defined.
3.8 Preprocessing	Error! Bookmark not defined.
3.9 Implementasi Algoritma.....	Error! Bookmark not defined.
3.9 Perhitungan Manual (Excel)	Error! Bookmark not defined.
3.10 Evaluasi	Error! Bookmark not defined.
BAB IV HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
4.1 Hasil Pengumpulan Data.....	Error! Bookmark not defined.
4.2 Hasil Preprocessing.....	Error! Bookmark not defined.
4.2.1 Seleksi Data.....	Error! Bookmark not defined.
4.2.2 Transformasi Data.....	Error! Bookmark not defined.
4.2.3 Pembersihan Data.....	Error! Bookmark not defined.
4.2.4 Normalisasi Data.....	Error! Bookmark not defined.
4.3 Hasil Perhitungan Manual.....	Error! Bookmark not defined.
4.3.1 Perhitungan Manual Algoritma K-Means	Error! Bookmark not defined.
4.3.2 Perhitungan Manual Algoritma K-Medoids.....	Error! Bookmark not defined.
4.4 Hasil Implementasi Algoritma	Error! Bookmark not defined.
4.4.1 Hasil Implementasi Algoritma K-Means	Error! Bookmark not defined.
4.4.2 Hasil Implementasi Algoritma K-Medoids.....	Error! Bookmark not defined.
4.5 Hasil Evaluasi.....	Error! Bookmark not defined.
4.5.1 Hasil Evaluasi Algoritma K-Means	Error! Bookmark not defined.
4.5.2 Hasil Evaluasi Algoritma K-Medoids.....	Error! Bookmark not defined.
4.6 Pembahasan.....	Error! Bookmark not defined.
BAB V KESIMPULAN DAN SARAN	Error! Bookmark not defined.
5.1 Kesimpulan	Error! Bookmark not defined.
5.2 Saran.....	Error! Bookmark not defined.
DAFTAR PUSTAKA	Error! Bookmark not defined.
LAMPIRAN.....	Error! Bookmark not defined.

DAFTAR TABEL

Tabel 2. 1 Penelitian Terkait	Error! Bookmark not defined.
Tabel 3. 1 Waktu Penelitian	Error! Bookmark not defined.
Tabel 3. 2 Seleksi Data.....	Error! Bookmark not defined.
Tabel 3. 3 Transformasi Data.....	Error! Bookmark not defined.
Tabel 4. 1 Hasil Pengumpulan Data.....	Error! Bookmark not defined.
Tabel 4. 2 Tabel Hasil Seleksi Data	Error! Bookmark not defined.
Tabel 4. 3 Sebelum Data di Transformasi.....	Error! Bookmark not defined.
Tabel 4. 4 Sesudah Tranformasi Data	Error! Bookmark not defined.
Tabel 4. 5 Centroid Awal	Error! Bookmark not defined.
Tabel 4. 6 Hasil Perhitungan Iterasi 1	Error! Bookmark not defined.
Tabel 4. 7 Centroid Baru Cluster 1	Error! Bookmark not defined.
Tabel 4. 8 Centroid Baru Cluster 2	Error! Bookmark not defined.
Tabel 4. 9 Centroid Baru	Error! Bookmark not defined.
Tabel 4. 10 Contoh Data Algoritma K-Medoids....	Error! Bookmark not defined.
Tabel 4. 11 Medoids Baru.....	Error! Bookmark not defined.
Tabel 4. 12 Hasil Pengujian Validasi.....	Error! Bookmark not defined.



DAFTAR GAMBAR

Gambar 3. 1 Prosedur Penelitian.....	Error! Bookmark not defined.
Gambar 3. 2 Pembersihan Data.....	Error! Bookmark not defined.
Gambar 3. 3 Normalisasi Data	Error! Bookmark not defined.
Gambar 3. 4 Flowchart K-Means.....	Error! Bookmark not defined.
Gambar 3. 5 Flowchart K-Medoids	Error! Bookmark not defined.
Gambar 4. 1 Hasil Pembersihan Data	Error! Bookmark not defined.
Gambar 4. 2 Hasil Normalisasi Data	Error! Bookmark not defined.
Gambar 4. 3 Hasil Perhitungan K-Means Menggunakan Microsoft Excel ...	Error! Bookmark not defined.
Gambar 4. 4 Source Code Metode Elbow.....	Error! Bookmark not defined.
Gambar 4. 5 Hasil Metode Elbow Algoritma K-Means	Error! Bookmark not defined.
Gambar 4. 6 Source Code Pusat Centroid K-Means.....	Error! Bookmark not defined.
Gambar 4. 7 Hasil Pusat Centroid K-Means.....	Error! Bookmark not defined.
Gambar 4. 8 Source Code Menambahkan Kolom	Error! Bookmark not defined.
Gambar 4. 9 Hasil Cluster.....	Error! Bookmark not defined.
Gambar 4. 10 Source Code Label Cluster.....	Error! Bookmark not defined.
Gambar 4. 11 Hasil Label Cluster Algoritma K-Means	Error! Bookmark not defined.
Gambar 4. 12 Source Code Menampilkan Jumlah Cluster..	Error! Bookmark not defined.
Gambar 4. 13 Hasil Cluster Algoritma K-Means...	Error! Bookmark not defined.
Gambar 4. 14 Hasil nilai mean algoritma K-Means.....	Error! Bookmark not defined.
Gambar 4. 15 Hasil Visualisasi Nama Kabupaten dan Hancur.....	Error! Bookmark not defined.
Gambar 4. 16 Hasil Visualisasi Nama Kabupaten dan Rusak Berat.....	Error! Bookmark not defined.
Gambar 4. 17 Hasil Visualisasi Nama Kabupaten dan Rusak Sedang	Error! Bookmark not defined.
Gambar 4. 18 Hasil Visualisasi Nama Kabupaten dan Rusak Ringan.....	Error! Bookmark not defined.
Gambar 4. 19 Hasil Visualisasi Nama Kabupaten dan Terancam.....	Error! Bookmark not defined.
Gambar 4. 20 Hasil Visualisasi Nama Kabupaten dan Terendam.....	Error! Bookmark not defined.
Gambar 4. 21 Source Code Metode Elbow.....	Error! Bookmark not defined.
Gambar 4. 22 Hasil Metode Elbow	Error! Bookmark not defined.
Gambar 4. 23 Source Code Menampilkan Pusat Centroid Algoritma K-Medoids	Error! Bookmark not defined.

Gambar 4. 24 Nilai Centroid Setiap Cluster**Error! Bookmark not defined.**

Gambar 4. 25 Source Code Menampilkan Kolom..**Error! Bookmark not defined.**

Gambar 4. 26 Hasil Cluster**Error! Bookmark not defined.**

Gambar 4. 27 Source Code Label Cluster.....**Error! Bookmark not defined.**

Gambar 4. 28 Hasil Label Cluster.....**Error! Bookmark not defined.**

Gambar 4. 29 Source Code Menampilkan Jumlah Cluster .. **Error! Bookmark not defined.**

Gambar 4. 30 Hasil Cluster K-Medoids.....**Error! Bookmark not defined.**

Gambar 4. 31 Hasil nilai mean algoritma K-Medoids**Error! Bookmark not defined.**

Gambar 4. 32 Hasil Visualisasi Nama Kabupaten dan Hancur**Error! Bookmark not defined.**

Gambar 4. 33 Hasil Visualisasi Nama Kabupaten dan Rusak Berat**Error! Bookmark not defined.**

Gambar 4. 34 Hasil Visualisasi Nama Kabupaten dan Rusak Sedang **Error! Bookmark not defined.**

Gambar 4. 35 Hasil Visualisasi Nama Kabupaten dan Rusak Ringan..... **Error! Bookmark not defined.**

Gambar 4. 36 Hasil Visualisasi Nama Kabupaten dan Terancam**Error! Bookmark not defined.**

Gambar 4. 37 Hasil Visualisasi Nama Kabupaten dan Terendam**Error! Bookmark not defined.**

Gambar 4. 38 Souce Code Silhouette Coefficient Algoritma K-Means **Error! Bookmark not defined.**

Gambar 4. 39 Hasil Silhouette Coefficient Algoritma K-Means **Error! Bookmark not defined.**

Gambar 4. 40 Souce Code Silhouette Coefficient Algoritma K-Medoids..... **Error! Bookmark not defined.**

Gambar 4. 41 Hasil Silhouette Coefficient Algoritma K-Medoids**Error! Bookmark not defined.**

Gambar 4. 42 Hasil Validasi**Error! Bookmark not defined.**

Gambar 4. 43 Hasil Jumlah Cluster 0**Error! Bookmark not defined.**

Gambar 4. 44 Hasil Jumlah Cluster 1**Error! Bookmark not defined.**

