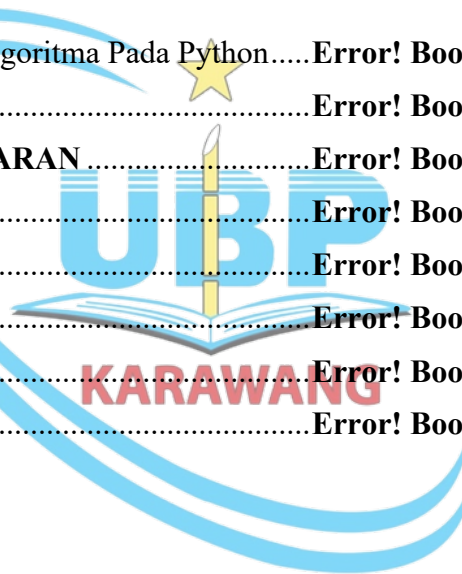


DAFTAR ISI

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.
<i>ABSTRACT</i>	Error! Bookmark not defined.
DAFTAR ISI.....	1
DAFTAR TABEL	3
DAFTAR GAMBAR.....	4
DAFTAR LAMPIRAN.....	Error! Bookmark not defined.
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.
TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1. Pengertian Data <i>Mining</i>	Error! Bookmark not defined.
2.2. Tugas Data <i>Mining</i>	Error! Bookmark not defined.
2.3. Klasifikasi.....	Error! Bookmark not defined.
2.4. Pohon Keputusan (<i>Decision Tree</i>)	Error! Bookmark not defined.
2.5. Algoritma C4.5	Error! Bookmark not defined.
2.6. Algoritma K- <i>Nearest Neighbor</i>	Error! Bookmark not defined.
2.7. Tabel Penelitian Terkait	Error! Bookmark not defined.
METODE PENELITIAN	Error! Bookmark not defined.
3.1. Bahan Penelitian.....	Error! Bookmark not defined.
3.2. Peralatan Penelitian	Error! Bookmark not defined.
3.3. Lokasi Penelitian dan Waktu Penelitian..	Error! Bookmark not defined.
3.4. Prosedur Percobaan	Error! Bookmark not defined.
3.4.1. Pengumpulan data.....	Error! Bookmark not defined.
3.4.2. Seleksi data	Error! Bookmark not defined.
3.4.3. Pengolahan Data	Error! Bookmark not defined.
3.4.4. Pengujian	Error! Bookmark not defined.

HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
4.1. Pengumpulan Data	Error! Bookmark not defined.
4.2. Seleksi Data	Error! Bookmark not defined.
4.3. Pengolahan Data	Error! Bookmark not defined.
4.3.1. Perhitungan Manual Algoritma <i>K-Nearest Neighbor</i>	Error! Bookmark not defined.
4.3.2. Perhitungan Manual Algoritma C4.5	Error! Bookmark not defined.
4.4. Pengujian Menggunakan <i>Tool</i> RapidMiner	Error! Bookmark not defined.
4.4.1. Pengujian Algoritma <i>K-Nearest Neighbor</i>	Error! Bookmark not defined.
4.4.2. Pengujian Algoritma C4.5 (<i>Decision Tree</i>)	Error! Bookmark not defined.
4.5. Implementasi Algoritma Pada Python	Error! Bookmark not defined.
4.6. Pembahasan	Error! Bookmark not defined.
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.
RIWAYAT PENULIS	Error! Bookmark not defined.



DAFTAR TABEL

Tabel 2.1 Tabel Penelitian Terkait	Error! Bookmark not defined.
Tabel 3.1 Waktu Penelitian	12
Tabel 3.2 Dataset Sebelum Tahap Seleksi	13
Tabel 3.3 Dataset Setelah Tahap Seleksi	13
Tabel 4.1 Dataset Sebelum Tahap Seleksi	1Error! Bookmark not defined.
Tabel 4.2 Dataset Setelah Tahap Seleksi	19
Tabel 4.3 Atribut Baru Nilai Mata Pelajaran Produktif	20
Tabel 4.4 Data <i>Training</i> dan Kriteria	21
Tabel 4.5 Data <i>Testing</i>	21
Tabel 4.6 Gabungan Data <i>Training</i> dan Data <i>Testing</i>	22
Tabel 4.7 Perhitungan Jarak Menggunakan <i>Euclidean Distance</i>	22
Tabel 4.8 Urutan Jarak <i>Euclidean</i> Terkecil Hingga Terbesar.....	23
Tabel 4.9 Kategori Tetangga Terdekat ke-K.....	24
Tabel 4.10 Kelas Mayoritas Data Baru	25
Tabel 4.11 Hasil Klasifikasi K-NN.....	27
Tabel 4.12 Atribut Baru Nilai Mata Pelajaran Produktif	27
Tabel 4.13 Perubahan Tipe Data.....	2Error! Bookmark not defined.
Tabel 4.14 Dataset Setelah Perubahan Tipe Data.....	2Error! Bookmark not defined.
Tabel 4.15 Node 1	30
Tabel 4.16 Dataset Matematika Cukup.....	31
Tabel 4.17 Node 1.1	32
Tabel 4.18 Hasil Pengujian Algoritma K-NN di RapidMiner	34
Tabel 4.19 Hasil Pengujian Algoritma C4.5 di RapidMiner.....	35
Tabel 4.20 Hasil Akurasi Algoritma K-NN	39

DAFTAR GAMBAR

Gambar 2.1 Tahapan proses data <i>mining</i>	3
Gambar 2.2 Tahapan algoritma C4.5	7
Gambar 2.3 Tahapan algoritma K-NN.....	Error! Bookmark not defined.
Gambar 3.1 Alur prosedur percobaan	12
Gambar 3.2 Tahapan algoritma C4.5	14
Gambar 3.3 Tahapan algoritma K-NN.....	16
Gambar 4.1 Node 1	31
Gambar 4.2 Node 1.1	33
Gambar 4.3 Hasil Pohon Keputusan di RapidMiner.....	35
Gambar 4.4 Dataset yang Telah diupload.....	36
Gambar 4.5 Nilai SI dan IF dalam Bentuk Numerik	36
Gambar 4.6 Memisahkan Data <i>Training</i> dan Data <i>Testing</i>	37
Gambar 4.7 Data <i>Training</i> dan Data <i>Testing</i>	37
Gambar 4.8 Hasil Prediksi	37
Gambar 4.9 Hasil Prediksi	38
Gambar 4.10 Hasil Prediksi IF dan SI dengan Contoh Data.....	38
Gambar 4.11 Hasil Akurasi.....	38
Gambar 4.12 Tabel <i>Confusion Matrix</i>	38