

## DAFTAR ISI

LEMBAR PENGESAHAN .....	ii
LEMBAR PERNYATAAN ORISINALITAS .....	iii
ABSTRAK .....	iv
<i>ABSTRACT</i> .....	v
KATA PENGANTAR .....	vi
DAFTAR ISI .....	vii
DAFTAR GAMBAR .....	viii
DAFTAR TABEL .....	ix
DAFTAR ISTILAH .....	x
BAB I PENDAHULUAN .....	1
I.1    Latar Belakang .....	1
I.2    Perumusan Masalah .....	2
I.3    Tujuan Penelitian .....	2
I.4    Batasan Penelitian .....	2
I.5    Manfaat Penelitian .....	3
BAB II TINJAUAN PUSTAKA .....	4
II.1    Penelitian Terdahulu .....	4
II.2    Richeese Factory .....	5
II.3    Twitter .....	6
II.4 <i>Marketing Mix 4P</i> .....	6
II.5 <i>Text Mining</i> .....	7
II.6 <i>Text Preprocessing</i> .....	7
II.6.1 <i>Remove Punctuation</i> .....	8
II.6.2 <i>Case Folding</i> .....	8
II.6.3 <i>Stemming</i> .....	8
II.6.4 <i>Tokenizing</i> .....	8
II.7    Analisis Sentimen .....	8
II.8 <i>Multi Output Classification</i> .....	9
II.9    TF-IDF ( <i>Term Frequency-Inverse Document Frequency</i> ) .....	9
II.10 <i>Naïve Bayes</i> .....	10
BAB III METODOLOGI PENELITIAN .....	13
III.1   Kerangka Berpikir .....	13
III.2   Sistematika Penyelesaian Masalah .....	14
III.3   Pengumpulan Data .....	15
III.4   Pengolahan Data .....	16

III.5	Metode Evaluasi.....	17
III.6	Alasan Pemilihan Metode .....	18
BAB IV PENGUMPULAN DATA DAN IMPLEMENTASI.....		20
IV.1	Analisis Studi Kasus .....	20
IV.2	<i>Data Selection</i> .....	20
IV.3	<i>Data Preprocessing</i> .....	21
IV.3.1	<i>Text Preprocessing</i> .....	22
IV.3.1.1	<i>Remove Punctuation dan Case Folding</i> .....	22
IV.3.1.2	Stemming .....	23
IV.3.1.3	Tokenizing .....	24
IV.3.2	Data Labelling.....	24
IV.3.3	<i>Word Cloud</i> .....	26
IV.4	<i>Data Mining</i> .....	26
IV.4.1	<i>Split Data</i> .....	27
IV.4.2	<i>Data Train dan Data Test</i> .....	27
IV.4.3	TF-IDF .....	27
IV.4.1	<i>Naïve Bayes</i> .....	29
BAB V ANALISIS DAN HASIL .....		33
V.1	Dataset.....	33
V.2	Analisis Implementasi Algoritme <i>Naïve Bayes</i> .....	34
V.2.1.	Analisis Implementasi Algoritme <i>Naïve Bayes</i> dan Perbedaan <i>Max Features</i> TF-IDF.....	34
V.2.2.	Analisis Implementasi Algoritme <i>Naïve Bayes</i> dan Perbedaan <i>Test Size</i> ...	36
V.2.3.	Hasil Analisis Algoritme <i>Naïve Bayes</i> .....	37
V.3	Evaluasi Model .....	38
V.4	Visualisasi <i>Word Cloud</i> .....	43
BAB VI KESIMPULAN DAN SARAN.....		48
VI.1	Kesimpulan .....	48
VI.2	Saran .....	49
DAFTAR PUSTAKA .....		50