

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
KATA PENGANTAR	iii
DAFTAR ISI	v
DAFTAR TABEL	vii
DAFTAR GAMBAR	viii
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	4
1.3 Tujuan Penelitian	4
1.4 Manfaat Penelitian	4
1.5 Batasan Masalah	5
1.6 Kerangka Pemikiran	6
1.7 Sistematika Penulisan	7
BAB II KAJIAN LITERATUR	8
2.1 Tinjauan Pustaka	8
2.2 Landasan Teori	18
2.2.1 Curah Hujan	18
2.2.2 Suhu udara	18
2.2.3 Kecepatan Arah Angin	18
2.2.4 Durasi Sinar Matahari	19
2.2.5 <i>Data Mining</i>	19
2.2.6 <i>Association Rules</i>	19
2.2.8 <i>Algoritma FG-Growth</i>	21
2.2.9 <i>Closed Frequent Itemset</i>	23
2.2.10 <i>Maximal Frequent Itemset</i>	24
2.2.11 <i>Cross-Industry Standard for Data Mining (CRISP-DM)</i>	25
BAB III METODOLOGI PENELITIAN	28
3.1 <i>Business Understanding</i>	29
3.1.1 <i>Determine Business Objective</i>	29
3.1.2 <i>Asses Situation</i>	29

3.1.3	<i>Determine Data Mining Goals</i>	30
3.1.4	<i>Plan Activities</i>	30
3.2	<i>Data Understanding</i>	30
3.2.1	<i>Collect Initial Data</i>	30
3.2.2	<i>Explore Data</i>	31
3.3	<i>Data Preparation</i>	31
3.3.1	<i>Data Selection</i>	31
3.3.2	<i>Data Cleaning</i>	32
3.3.3	<i>Merging Data</i>	32
3.3.4	<i>Transformation Data</i>	33
3.3.5	<i>Formatting Data</i>	33
3.4	<i>Select Modeling Technique</i>	34
3.4.1	<i>Build Model</i>	34
3.5	<i>Evaluation</i>	34
3.6	<i>Deployment</i>	35
BAB IV HASIL DAN PEMBAHASAN		36
4.1	<i>Hasil Business Understanding</i>	36
4.1.1	<i>Determine Business Objectives</i>	36
4.1.2	<i>Asses Situation</i>	36
4.1.3	<i>Determine Data Mining Goals</i>	37
4.1.4	<i>Plan Activities</i>	37
4.2	<i>Hasil Understanding</i>	38
4.2.1	<i>Collect Initial</i>	38
4.2.2	<i>Explore Data</i>	38
4.3	<i>Hasil Data Preparation</i>	39
4.3.1	<i>Data Selection</i>	39
4.3.2	<i>Merging Data</i>	39
4.3.3	<i>Data Cleaning</i>	40
4.3.4	<i>Drop data</i>	42
4.3.5	<i>Data Transformation</i>	42
4.3.6	<i>Formatting Data</i>	45
4.4	<i>Modeling</i>	49

4.4.1 <i>Select Modeling Technique</i>	49
4.4.2 <i>Build Model</i>	49
4.5 Evaluation	55
4.6 Deployment.....	56
4.6.1 <i>Maximal Frequent Itemset dan Closed Frequent Itemset</i>	57
4.6.2 Analisis perbandingan.....	66
4.6.3 Nilai <i>Confidence</i> dan <i>Lift-Ratio</i>	69
BAB V.....	78
PENUTUP.....	78
5.1 Kesimpulan	78
5.2 Saran.....	79
DAFTAR PUSTAKA	80

