

DAFTAR ISI

ABSTRAK	i
ABSTRACT	ii
KATA PENGANTAR.....	iii
DAFTAR ISI.....	v
DAFTAR GAMBAR.....	vii
DAFTAR TABEL	viii
DAFTAR LAMPIRAN	ix
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	3
1.3 Tujuan Penelitian.....	3
1.4 Batasan Masalah.....	3
1.5 Kerangka Pemikiran	4
1.6 Metode Penelitian.....	6
1.7 Sistematika Penulisan.....	6
BAB II KAJIAN LITERATUR	8
2.1 Tinjauan Pustaka	8
2.2 Landasan Teori	13
2.2.1 <i>Iphone</i>	13
2.2.2 <i>Google Colab</i>	13
2.2.3 <i>Random Forest Regression</i>	14
2.2.4 CRISP-DM.....	15
2.2.6 <i>Mean Absolute Error (MAE)</i>	16
2.2.7 <i>Mean Squared Error (MSE)</i>	17
2.2.8 <i>Root Mean Squared Error (RMSE)</i>	17
2.2.9 <i>Python</i>	18
2.2.10 <i>Visual Studio Code</i>	18
BAB III METODOLOGI PENELITIAN	20
3.1 <i>Business Understanding</i>	20

3.2	<i>Data Understanding</i>	21
3.3	<i>Data Preparation</i>	21
3.4	<i>Modeling</i>	22
3.5	<i>Evaluation</i>	22
3.6	<i>Deployment</i>	23
BAB IV HASIL DAN PEMBAHASAN		25
4.1	Hasil <i>Business Understanding</i>	25
4.2	Hasil <i>Data Understanding</i>	25
4.2.1.	Deskrispi Data.....	25
4.2.2.	Pengumpulan Data	25
4.2.3.	Identifikasi Data.....	26
4.3	Hasil <i>Data Preparation</i>	27
4.3.1.	Konversi Manual Data	27
4.3.2.	Maping Data.....	33
4.4	Hasil <i>Modeling</i>	34
4.4.1	<i>Spliting Data</i>	34
4.4.2	<i>Training Random Forest Regression</i>	35
4.5	Hasil <i>Evaluation</i>	35
4.5.1.	Perhitungan Rumus Matematika	35
4.5.2.	Hasil <i>Evaluation</i> 80% <i>Training</i> dan 20% <i>Testing</i>	37
4.5.3.	Hasil <i>Evaluation</i> 70% <i>Training</i> dan 30% <i>Testing</i>	37
4.5.4.	Hasil <i>Evaluation</i> 60% <i>Training</i> dan 40% <i>Testing</i>	38
4.6	Hasil <i>Deployment</i>	39
BAB V KESIMPULAN DAN SARAN		40
5.1.	Kesimpulan.....	40
5.2	Saran	41
DAFTAR PUSTAKA		42
LAMPIRAN		45