

DAFTAR ISI

HALAMAN JUDUL	
KATA PENGANTAR	i
ABSTRAK.....	iii
ABSTRACT	iv
DAFTAR ISI	v
DAFTAR GAMBAR.....	viii
DAFTAR TABEL	ix
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang.....	1
1.2 Rumusan Masalah.....	5
1.3 Batasan Masalah	5
1.4 Tujuan	5
1.5 Kerangka Pemikiran	7
1.6 Sistematika Penulisan	7
BAB II TINJAUAN PUSTAKA	9
2.1 State Of the Art.....	9
2.2 Dasar Teori	13
2.2.1 Saham	13
2.2.2 Artificial Intelligence.....	14
2.2.3 Deep Learning.....	14
2.2.4 Long Short-Term Memory (LSTM)	16
2.2.5 Mean Absolute Error (MAE).....	18
2.2.6 Root Mean Squared Error (RMSE)	19
2.2.7 Mean Absolute Percentage Error (MAPE)	19
2.2.8 Cross Industry Standard Process for Data Mining (CRISP-DM) ..	20

BAB III METODOLOGI PENELITIAN	23
3.1 Business Understanding.....	23
3.2 Data Understanding	24
3.3 Data Preparation	25
3.3.1 Sumber dan Jenis Data.....	25
3.3.2 Interpolasi Data.....	26
3.3.3 Penggabungan Dataset.....	26
3.3.4 Data Pre-Processing.....	27
3.4 Modeling.....	28
3.5 Evaluation	29
BAB IV HASIL DAN PEMBAHASAN.....	31
4.1 Hasil Business Understanding	31
4.2 Hasil Data Understanding.....	33
4.3 Hasil Data Preparation.....	40
4.3.1 Interpolasi Data.....	40
4.3.2 Penggabungan Dataset.....	44
4.3.3 Data Pre-Processing.....	45
4.4 Hasil Modelling	51
4.4.1 Modelling Saham BRIS.....	52
4.4.2 Modelling Saham BTPS	57
4.5 Hasil Evaluation.....	61
4.5.1 Hasil Pelatihan Model BRIS.....	61
4.5.2 Hasil Pelatihan Model BTPS	66
4.6 Pembahasan	70
BAB V SIMPULAN DAN SARAN.....	75
5.1 Simpulan	75

5.2	Saran	75
DAFTAR PUSTAKA.....		77

