

DAFTAR ISI

HALAMAN JUDUL

PERNYATAAN DAN PERSETUJUAN UNGGAH TUGAS AKHIR

PERSETUJUAN DOSEN PEMBIMBING TUGAS AKHIR

PERSETUJUAN TIM PENGUJI TUGAS AKHIR

ABSTRAKv

KATA PENGANTARvi

DAFTAR ISIviii

Daftar Gambarx

BAB 11

PENDAHULUAN1

1.1 Latar Belakang Penelitian1

1.2 Rumusan Masalah2

1.3 Tujuan Penelitian2

1.4 Manfaat Penelitian2

1.5 Batasan Penelitian3

BAB 24

TINJAUAN LITERATUR4

2.1 Big Five Personality Traits4

2.2 Risk Management5

2.3 Data Mining8

2.4 Random Forest10

2.5 Supervised Learning11

BAB 313

METODE PENELITIAN13

3.1 Business Understanding13

3.2 Data Understanding13

3.3 Data Preparation14

3.4 Modeling15

BAB 417

HASIL PENELITIAN DAN PEMBAHASAN17

4.1 Profile Responden17

4.1.1 Jenis Kelamin17

4.1.2 Usia18

4.1.3 Domisili	18
4.1.4 Pekerjaan	19
4.2 Analisis Deskriptif	20
4.3 Data Preparation	21
4.3.1 Import data.....	21
4.3.2 Encoding Data	21
4.3.3 Uji Multikolinearitas.....	21
4.3.4 Uji Reliabilitas	22
4.4 Modeling.....	23
4.5 Hasil Penelitian	25
4.5.1 Random Forest Short Term Investment Intention	25
4.5.1.1 Decision Tree Short Term Investment Intention.....	25
4.5.1.2 Feature Importatnce dari Random Forest Short Term Investment Intention.....	26
4.5.1.3 Classification Report dari Random Forest Short Term Investment Intention.....	28
4.5.2 Random Forest Long Term Investment Intention	28
4.5.2.1 Decision Tree Long Term Investment Intention	28
4.5.2.2 Feature Importance dari Random Forest Long Term Investment Intention.....	29
4.5.2.3 Classification Report dari Random Forest Long Term Investment Intention.....	31
4.6 Pembahasan.....	31
BAB 5	35
KONKLUSI DAN SARAN	35
5.1 Konklusi.....	35
5.2 Implikasi Teoritis	35
5.3 Implikasi Manajerial	36
5.4 Limitasi	37
5.5 Saran	37
References	39

Daftar Gambar

Figure 1 Bar Chart Jenis Kelamin	17
Figure 2 Bar Chart Usia	18
Figure 3 Bar Chart Domisili.....	19
Figure 4 Bar Chart Pekerjaan.....	19
Figure 5 Tabel Analisis Deskriptif.....	20
Figure 6 Import Data	21
Figure 7 Encoding Data	21
Figure 8 Multicollinearity Test	22
Figure 9 Reliability Test.....	23
Figure 10 Training Data	23
Figure 11 Prediksi data.....	24
Figure 12 Accuracy and Feature Importance	24
Figure 13 Train data	25
Figure 14 Confusion Matrix.....	25
Figure 15 Predict Data	25
Figure 16 Print Decision Tree	25
Figure 17 Decision Tree Short Term Investment Intention	26
Figure 18 P Value Short Term Investment Intention Model.....	27
Figure 19 Accuracy and Feature Importance Short Term Investment Intetnion ..	28
Figure 20 Decision Tree Long Term Investment Intetntion	28
Figure 21 P Value Long Term Investment Intention Model.....	29
Figure 22 Accuracy and Feature Importance Long Term Investment Intention....	31