

DAFTAR ISI

| | |
|--|-----|
| HALAMAN JUDUL | i |
| HALAMAN PENGESAHAN I | ii |
| HALAMAN PENGESAHAN II | iii |
| KATA PENGANTAR | iv |
| ABSTRAK | v |
| ABSTRACT | vi |
| DAFTAR ISI | vii |
| DAFTAR TABEL | ix |
| DAFTAR GAMBAR | x |
| DAFTAR LAMPIRAN | xi |
| BAB I PENDAHULUAN | 1 |
| 1.1. Latar Belakang | 1 |
| 1.2. Rumusan Masalah | 5 |
| 1.3. Batasan Masalah | 5 |
| 1.4. Tujuan Penelitian | 6 |
| BAB II TINJAUAN PUSTAKA | 7 |
| 2.1. Saham dan <i>Return Saham</i> | 7 |
| 2.2. Indeks Saham SRI-KEHATI | 8 |
| 2.3. Laporan Keuangan | 9 |
| 2.4. <i>Return on Asset (ROA)</i> | 9 |
| 2.5. <i>Return on Equity (ROE)</i> | 10 |
| 2.6. Net Profit Margin (NPM) | 10 |
| 2.7. Analisis <i>Cluster</i> | 10 |
| 2.7.1 Asumsi Sampel Representatif | 11 |
| 2.7.2 Asumsi Non Multikolinieritas | 12 |
| 2.7.3 Ukuran Jarak Analisis <i>Cluster</i> | 13 |
| 2.8. <i>K-Harmonic Means Clustering</i> | 14 |
| 2.9. Validasi <i>Cluster</i> | 18 |
| 2.10. Korelasi Pearson | 20 |
| 2.11. Portofolio Saham | 20 |

| | | |
|-----------------------------------|---|----|
| 2.11.1 | <i>Return dan Expected Return</i> Portofolio | 21 |
| 2.11.2 | Risiko Portofolio | 22 |
| 2.11.3 | Optimasi Portofolio dengan <i>Mean-Semivariance</i> | 24 |
| 2.12. | <i>Value at Risk</i> dengan Metode <i>Historical Simulation</i> | 29 |
| BAB III METODE PENELITIAN | | 30 |
| 3.1. | Jenis dan Sumber Data..... | 30 |
| 3.2. | Tahapan Analisis Data | 30 |
| 3.3. | Diagram Alir Analisis Data | 32 |
| BAB IV HASIL DAN PEMBAHASAN | | 35 |
| 4.1. | Deskripsi Data Penelitian..... | 35 |
| 4.2. | Statistika Deskriptif Variabel <i>Cluster</i> | 35 |
| 4.3. | Analisis <i>Cluster</i> dengan Algoritma <i>K-Harmonic Means Clustering</i> | 36 |
| 4.3.1 | Asumsi Sampel Representatif | 36 |
| 4.3.2 | Asumsi Non Multikolinearitas | 37 |
| 4.3.3 | Proses <i>K-Harmonic Means Clustering</i> | 37 |
| 4.3.4 | Hasil Pengelompokan <i>K-Harmonic Means Clustering</i> | 43 |
| 4.4. | Validasi <i>Cluster</i> dengan <i>Silhouette Coefficient</i> | 45 |
| 4.5. | Interpretasi Hasil Analisis <i>Cluster</i> | 45 |
| 4.6. | Statistika Deskriptif <i>Return Saham</i> Tiap <i>Cluster</i> | 46 |
| 4.7. | Pemilihan Saham Pembentukan Portofolio | 49 |
| 4.8. | Korelasi Pearson | 50 |
| 4.9. | Perhitungan nilai <i>Semivariance</i> | 50 |
| 4.10. | Perhitungan nilai <i>Semicovariance</i> | 52 |
| 4.11. | Perhitungan Bobot Portofolio dengan <i>Mean Semivariance</i> | 54 |
| 4.12. | <i>Expected Return</i> dan <i>Semivariance</i> Portofolio | 55 |
| 4.13. | <i>Value at Risk</i> dengan <i>Historical Simulation</i> | 56 |
| BAB V KESIMPULAN..... | | 59 |
| DAFTAR PUSTAKA | | 61 |
| LAMPIRAN..... | | 65 |