

## DAFTAR GAMBAR

|                                                                                            |     |
|--------------------------------------------------------------------------------------------|-----|
| Gambar II. 1 Nuhsantara Merchandise<br>(Sumber:instagram.com/nuhsantara_merchandise) ..... | 12  |
| Gambar II. 2 Struktur Organisasi (Sumber: Dokumentasi Perusahaan, 2025) .....              | 13  |
| Gambar II. 3 Metode <i>Nine Step Kimball</i> (Sumber: Kimball & Ross, 2002) .....          | 16  |
| Gambar III. 1 Alur Penelitian .....                                                        | 32  |
| Gambar III. 2 <i>Wireframe Dashboard</i> .....                                             | 45  |
| Gambar IV. 1 Schema Fact Penjualan .....                                                   | 57  |
| Gambar IV. 2 Schema Fact Persediaan .....                                                  | 57  |
| Gambar IV. 3 ETL dim_akun .....                                                            | 64  |
| Gambar IV. 4 Hasil ETL dim_akun .....                                                      | 65  |
| Gambar IV. 5 ETL dim_produk .....                                                          | 66  |
| Gambar IV. 6 ETL dim_produk .....                                                          | 66  |
| Gambar IV. 7 Hasil ETL dim_produk .....                                                    | 67  |
| Gambar IV. 8 ETL dim_sales .....                                                           | 67  |
| Gambar IV. 9 Hasil ETL dim_sales .....                                                     | 68  |
| Gambar IV. 10 ETL dim_waktu .....                                                          | 69  |
| Gambar IV. 11 Hasil ETL dim_waktu .....                                                    | 70  |
| Gambar IV. 12 ETL fact_penjualan .....                                                     | 71  |
| Gambar IV. 13 ETL fact_persediaan .....                                                    | 72  |
| Gambar IV. 14 ETL fact_persediaan .....                                                    | 72  |
| Gambar IV. 15 Hasil ETL .....                                                              | 73  |
| Gambar IV. 16 Pengujian Relasi <i>Foreign Key</i> .....                                    | 75  |
| Gambar IV. 17 Pengujian Relasi <i>Foreign Key</i> .....                                    | 76  |
| Gambar IV. 18 Evaluasi 1 .....                                                             | 82  |
| Gambar IV. 19 Evaluasi 2 .....                                                             | 82  |
| Gambar IV. 20 Evaluasi 3 .....                                                             | 83  |
| Gambar IV. 21 Evaluasi 4 .....                                                             | 84  |
| Gambar IV. 22 Evaluasi 5 .....                                                             | 84  |
| Gambar IV. 23 <i>Landing Page</i> .....                                                    | 91  |
| Gambar IV. 24 <i>Inventory</i> .....                                                       | 92  |
| Gambar IV. 25 <i>Sales</i> .....                                                           | 92  |
| Gambar IV. 26 <i>Upload File</i> .....                                                     | 93  |
| Gambar IV. 27 Data Transaksi .....                                                         | 94  |
| Gambar IV. 28 Validasi dan Parameter Analisis Data .....                                   | 95  |
| Gambar IV. 29 <i>Frequent Itemsets</i> .....                                               | 96  |
| Gambar IV. 30 <i>Association Rules</i> .....                                               | 96  |
| Gambar IV. 31 Penjelasan Metrik Evaluasi .....                                             | 97  |
| Gambar IV. 32 Rekomendasi Kombinasi Produk Top 10 .....                                    | 98  |
| Gambar IV. 33 <i>Simplified Rules</i> .....                                                | 98  |
| Gambar IV. 34 Rekomendasi Produk <i>Simplified</i> Top 10 .....                            | 99  |
| Gambar IV. 35 Rekomendasi Kombinasi Produk Tanpa Penjelasan Top 10 .....                   | 100 |