

## DAFTAR GAMBAR

---

Gambar 2.1 Software Kibana[8].....	6
Gambar 2.2 Software Elastic[10] .....	7
Gambar 2.3 Software Postman[12].....	7
Gambar 2.4 Software Microsoft Excel[14].....	8
Gambar 2.5 Aplikasi Google Sheets[16].....	9
Gambar 2.6 Power Query[18] .....	9
Gambar 2.7 DAX (Data Analysis Expressions)[20].....	10
Gambar 3.1 Diagram Alur Sistem Saat Ini.....	11
Gambar 3.2 Diagram Alur Perancangan Sistem Dashboard .....	13
Gambar 4.1 Input Data Kendaraan .....	16
Gambar 4.2 Input Jenis Notifikasi .....	17
Gambar 4.3 Input Alamat Middleware .....	17
Gambar 4.4 Request Pengiriman Data.....	18
Gambar 4.5 Index Management .....	18
Gambar 4.6 Scripted Fields .....	19
Gambar 4.7 Hasil Scripted Fields.....	20
Gambar 4.8 Panel filter HSE .....	20
Gambar 4.9 Panel Bukti Pelanggaran.....	21
Gambar 4.10 Panel Map Pelanggaran.....	22
Gambar 4.11 Panel Grafik Pelanggaran .....	23
Gambar 4.12 Panel Filter Peralatan dan Operasi.....	24
Gambar 4.13 Panel Grafik Performa Mesin .....	25
Gambar 4.14 Panel Grafik Jarak Tempuh Kendaraan .....	26
Gambar 4.15 Panel Grafik Konsumsi dan Koefisien Bahan Bakar .....	27
Gambar 4.16 Panel Filter Overspeed .....	28
Gambar 4.17 Panel Bukti Pelanggaran Overspeed .....	29
Gambar 4.18 Panel Peta Pelanggaran Overspeed .....	30
Gambar 4.19 Panel Pelanggaran Overspeed .....	31
Gambar 4.20 Panel Tabel Data.....	32

Gambar 4.21 Panel Grafik Monitoring Data .....	33
Gambar 4.22 Tabel Data Report Export .....	34
Gambar 4.23 File Excel Hasil Export csv .....	35
Gambar 4.24 Validasi Data Dengan Postman .....	37
Gambar 4.25 Dashboard Monitoring Data .....	38
Gambar 4. 26 Data Kibana dan Telematics di Google Sheets .....	40
Gambar 4.27 Perbandingan Data Kibana dan Telematics.....	41