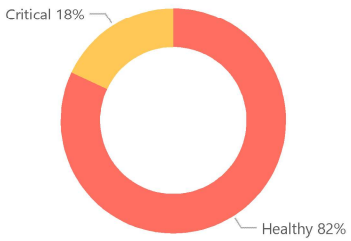
# Fleet Overview

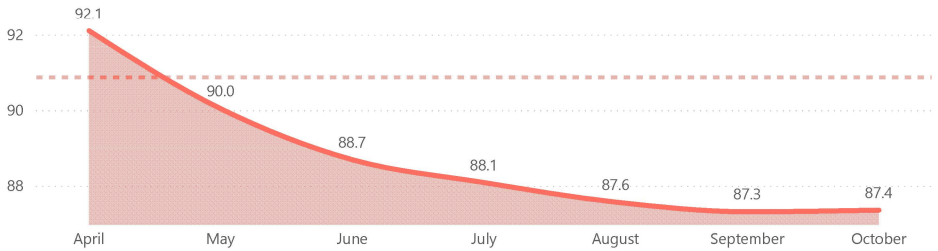
Start and End Date: 01-04-2025 – 01-10-2025

| Total Vehicles | Average Efficiency | Critical (%) | Warning (%) | Healthy (%) |
|---|---|---|---|---|
| 50 | 87.39 ▲ | 18.00 ▼ | 0 | 82.00 ▼ |
| vs previous period ( 0.0% ) | vs previous period ( +2.1% ) | vs previous period ( -7.8% ) | vs previous period ( 0.0% ) | vs previous period ( -0.4% ) |

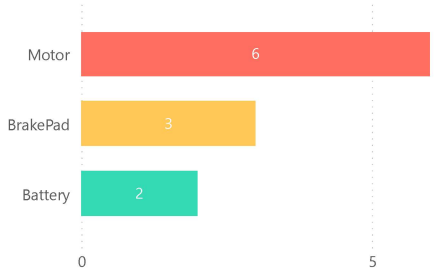
## Vehicle Health Distribution




## Fleet Efficiency Trend




## Component Failure Counts




## Fleet Health Insights

| Component | Failure Rate (%) | Avg Repair Cost (₹) | Downtime Cost (₹) | Total Failed Impact (₹) |
|---|---|---|---|---|
| Motor | 12 | 102000 | 12000 | 612000 |
| BrakePad | 6 | 15500 | 8000 | 46500 |
| Battery | 4 | 181000 | 16000 | 362000 |

# Bayesian Asset Reliability Model

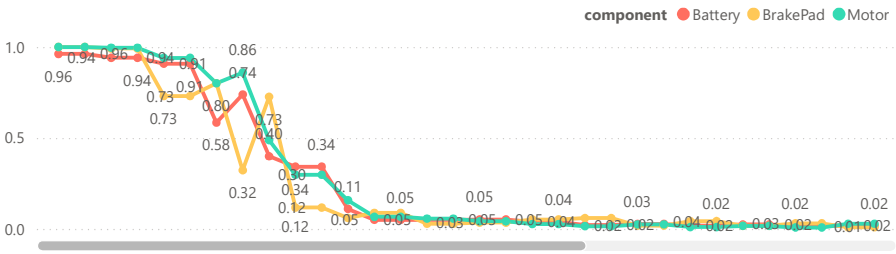
Start and End Date
01-04-2025 01-10-2025

## Expected Failures
23 ▲
vs previous period ( +17.6% )

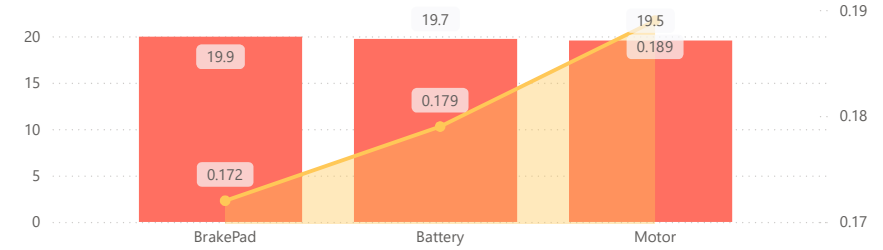
## Avg Failure Probability
17.99 ▼
vs previous period ( -11.1% )

## Critical Components at Risk
3 ▲
vs previous period ( +1.0% )

## Failure Probability Distribution




## Remaining Useful Life Analysis




## Maintenance Recommendation Heatmap

| VIN | Battery | Brake Pad | Motor |
|---|---|---|---|
| DCA25CHN000001 | 25 | 25 | 25 |
| DCA25CHN000002 | 25 | 25 | 25 |
| DCA25CHN000003 | 25 | 25 | 25 |
| DCA25CHN000004 | 25 | 25 | 25 |

## Top VINs Failure Probability

| VIN | Failure Probability (%) | Risk Category | Component |
|---|---|---|---|
| DCA25CHN000001 | 2.44 | Stable | Battery |
| DCA25CHN000001 | 1.74 | Stable | BrakePad |
| DCA25CHN000001 | 1.71 | Stable | Motor |
| DCA25CHN000002 | 3.94 | Stable | Battery |

# ROI Dashboard

Start and End Date: 01-04-2025 – 01-10-2025

## Predicted Downtime Cost Savings

2M ▲

vs previous period ( +55.0% )

## Maintenance Cost Reduction %

37.50 ▲

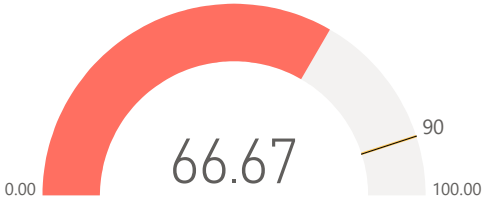
vs previous period ( +83.0% )

## Fleet Reliability Index

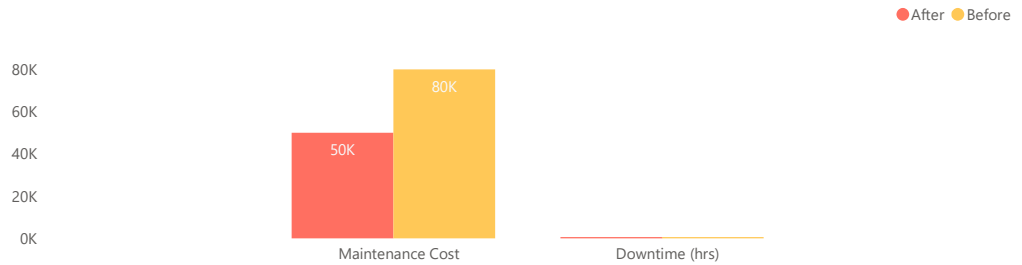
66.67 ▲

vs previous period ( +20.0% )

## Fleet Reliability Performance




## Maintenance Policy Impact




## Predictive Maintenance Trend