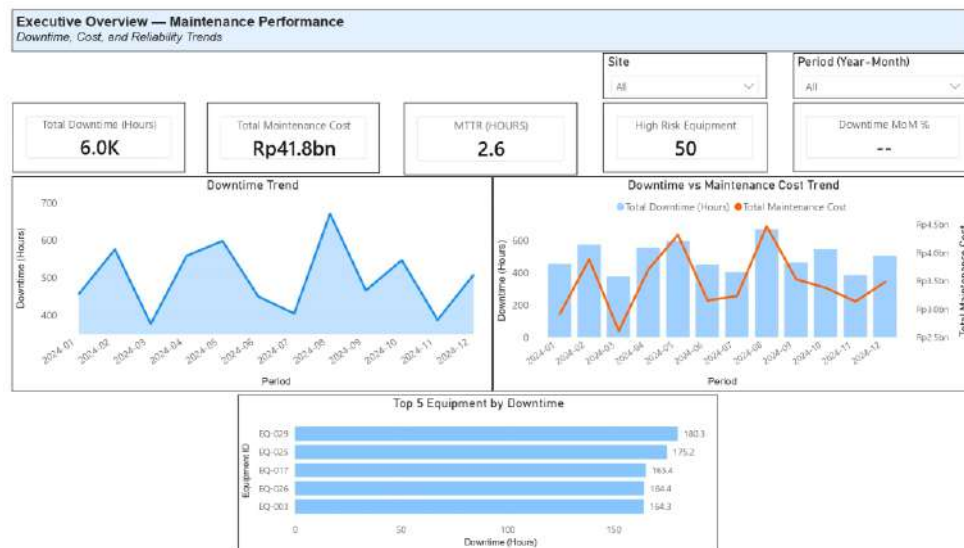


Dashboard Storytelling – Maintenance Performance Analytics

Executive Overview – Strategic Perspective



This dashboard answers the question: Are we in a healthy operational condition or facing risks?

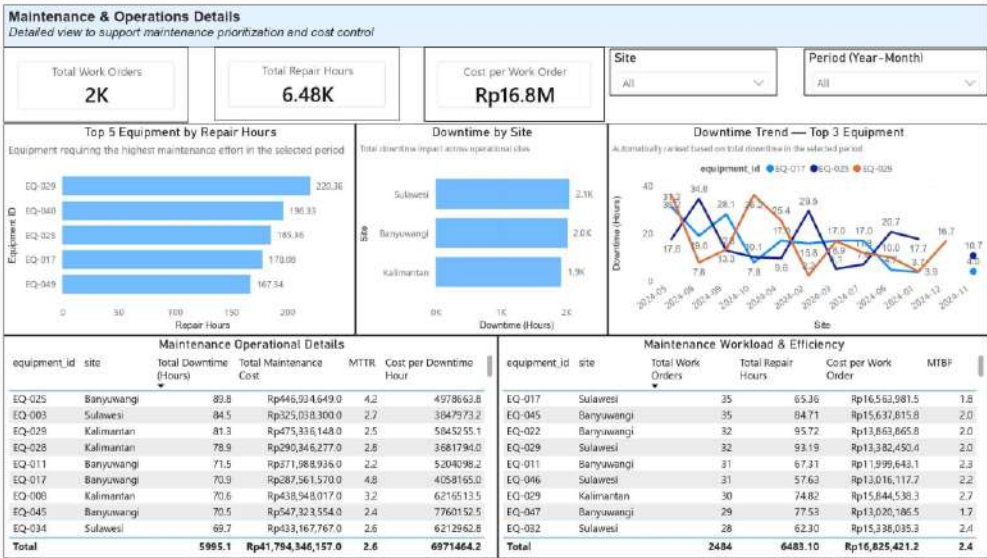
The Executive Overview is designed for management and decision makers. It provides high-level performance signals rather than operational details.

Users start by reviewing key KPIs such as Total Downtime, Total Maintenance Cost, MTTR, High Risk Equipment Count, and Downtime Month-over-Month percentage. These KPIs quickly indicate whether performance is improving or deteriorating.

The downtime trend visual shows performance direction over time, while the cost versus downtime trend helps identify efficiency issues. The Top 5 Equipment by Downtime chart highlights the primary contributors to operational impact.

The main output of this dashboard is strategic prioritization and escalation decisions.

Maintenance & Operations – Execution Perspective



This dashboard focuses on operational execution and workload management.

After identifying risks at the executive level, users move to this dashboard to understand where problems occur and how severe they are operationally.

KPIs such as Total Work Orders, Total Repair Hours, and Cost per Work Order reflect maintenance workload and efficiency. Visuals such as Top Equipment by Repair Hours and Downtime Trend for the Top 3 Equipment help identify assets consuming the most effort.

Downtime by Site highlights geographic concentration of issues, while the detailed operational table supports daily coordination and task follow-up.

The output of this dashboard is actionable operational planning and resource allocation.

RCA & Risk Analysis – Diagnostic Perspective



This dashboard is designed for engineering and reliability analysis.

Once operational issues are identified, this dashboard helps answer why failures occur and which root causes should be prioritized.

Pareto analysis using Downtime Contribution percentage reveals dominant failure patterns. Cost-based failure analysis identifies financially critical issues, while failure trends show recurring or emerging risks.

The RCA detail table supports structured root cause discussions and corrective action planning.

The output of this dashboard is corrective and preventive action recommendations.

End-to-End Story Flow

The dashboards are intended to be used progressively.

Users begin with the Executive Overview to identify risks, continue to Maintenance & Operations for execution-level analysis, and conclude with RCA & Risk Analysis for diagnosis and corrective actions.

This structured flow ensures insights are actionable and aligned with real-world decision-making processes.