

Machine Maintenance Overview Report

[Reset Filters](#)

Select Time Period Select Machine Type Select Location Select Severity Level

All

All

All

All

26.98K

Total Downtime (H)

3000

Total Breakdowns

8.99

Avg Downtime

115M

Total Maintenance Cost

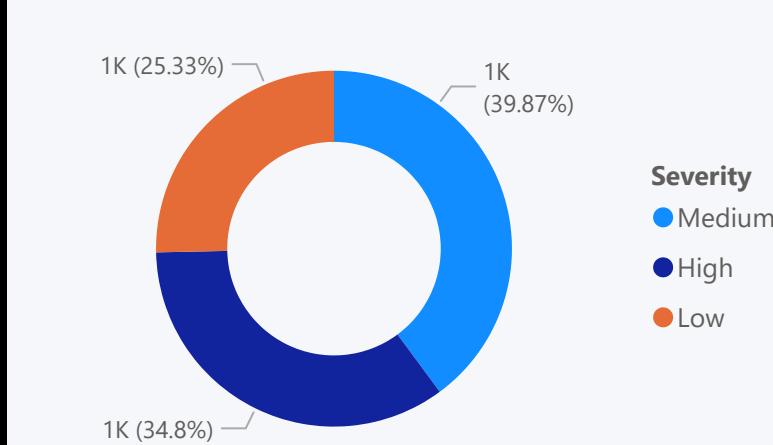
0.35

High Severity %

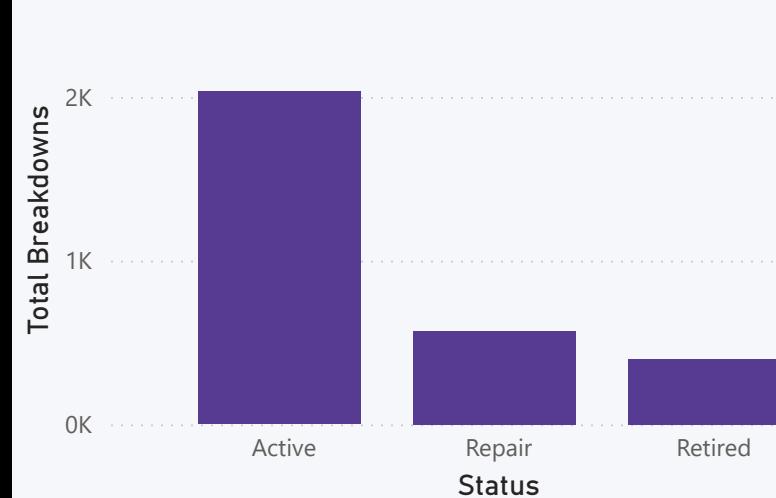
Breakdown Trend Over Time



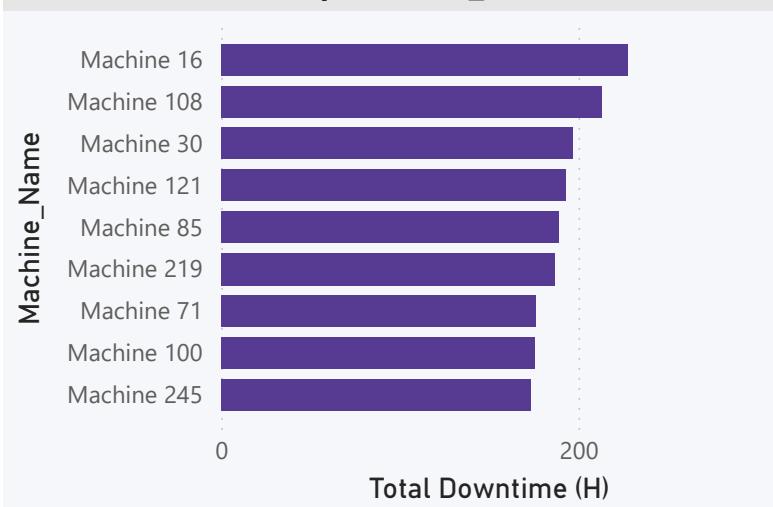
Severity Distribution



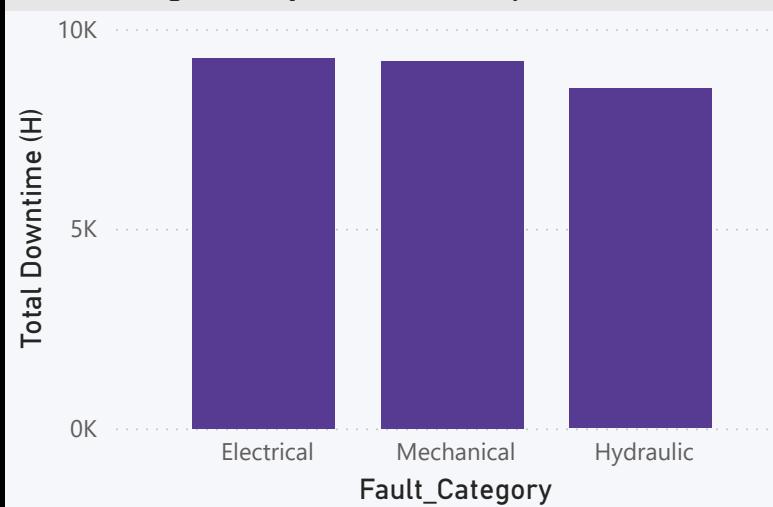
Breakdowns by Machine Status



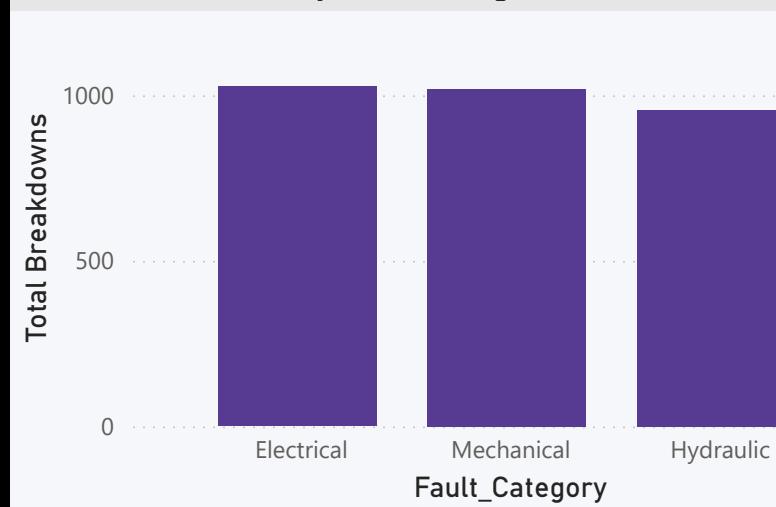
Total Downtime (H) by Machine_Name



Fault Categories by Downtime Impact



Total Breakdowns by Fault Categories



Machine Performance & Reliability Report

[Reset Filters](#)

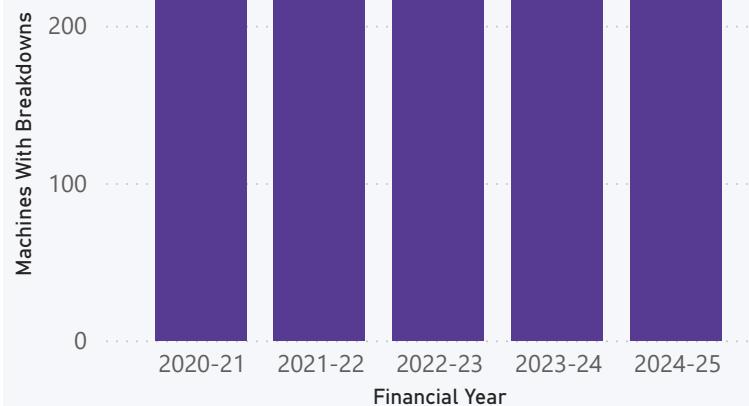
Select Time Period Select Machine Type Select Location Select Status

All
All
All
All

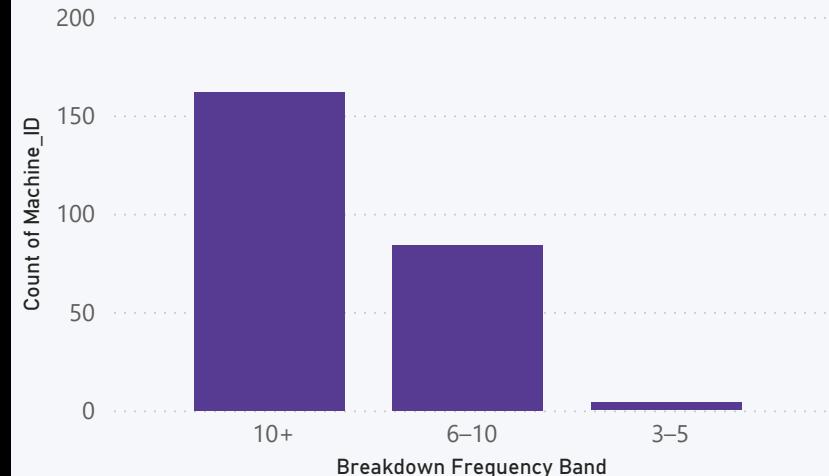
250 3000 26.98K 107.94 0.35

Total Machines Total Breakdowns Total Downtime (H) Avg Downtime per Machine High Severity %

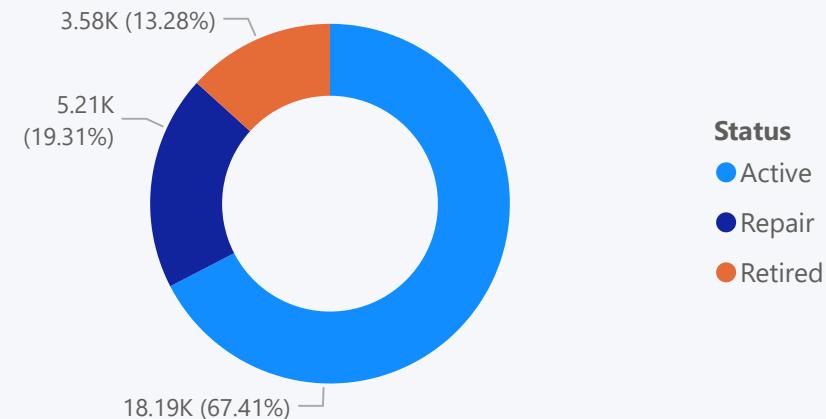
Financial Year-wise Machine Failure Trend



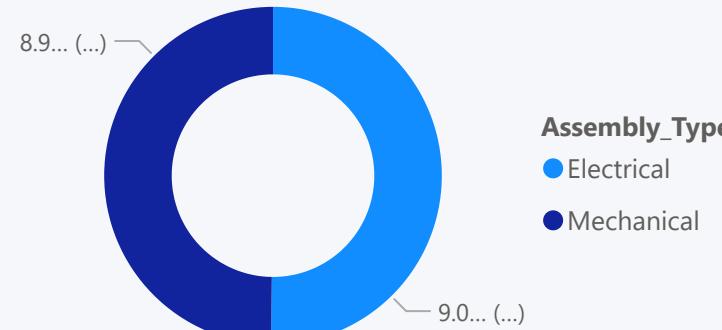
Machines by Breakdown Frequency Band



Machine Status Contribution to Downtime



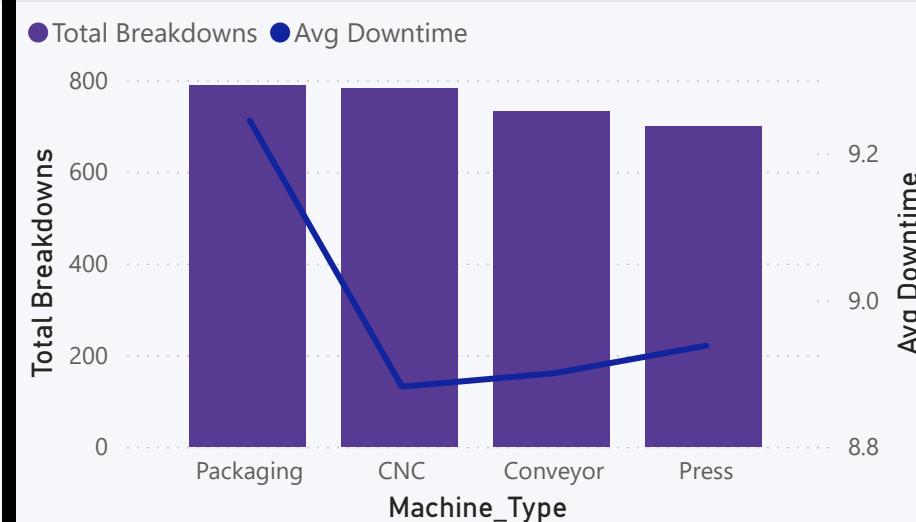
Avg Downtime by Assembly_Type



Assembly Reliability Matrix

Assembly_Name	High	Low	Medium	Total
Assembly 1	4.52	8.81	9.12	8.39
Assembly 10	8.19	7.77	11.56	8.75
Assembly 100	10.27	9.33	8.04	9.40
Assembly 101	10.79	7.80	9.92	9.72
Assembly 102	11.74	11.49	9.15	10.48
Assembly 103	7.79	10.70	8.25	9.11
Assembly 104	6.21	4.58	10.76	8.78
Assembly 105	9.00	5.58	7.26	7.74

Total Breakdowns and Avg Downtime by Machine_Type



Fault, Symptom & Root Cause Analysis Report

[Reset Filters](#)

Select Time Period Select Fault Category Select Severity Level Select Reason

All

All

All

All

3000

Fault Occurrences

400

Fault Types

300

Unique Symptoms

150

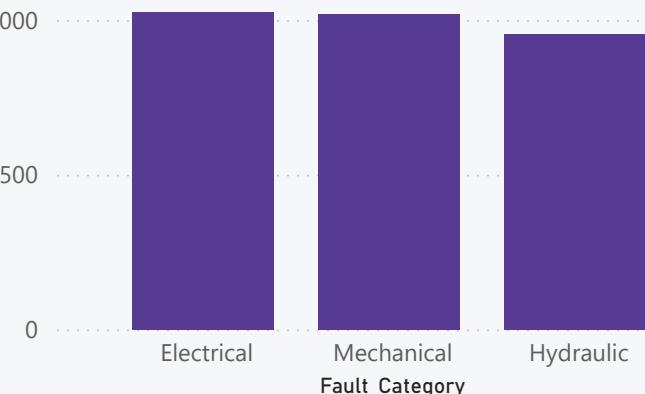
Unique Root Causes

1044

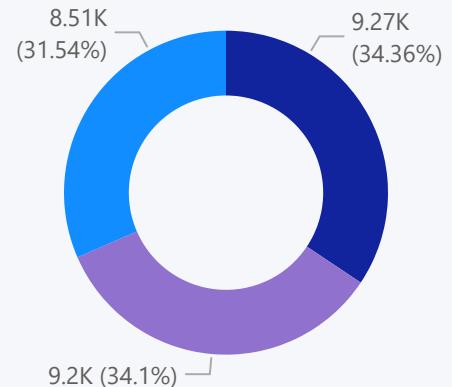
High Severity Faults

Fault Occurrences by Fault_Category

Fault Occurrences



Fault Category vs Downtime Impact



Fault_Category
● Electrical
● Mechanical
● Hydraulic

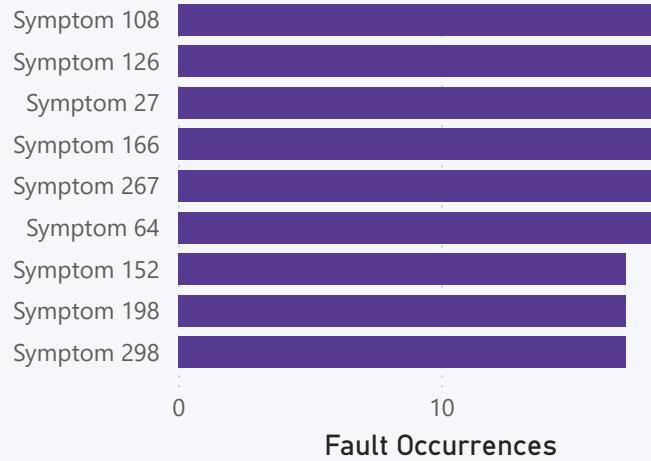
Avg Downtime by Reason_Name

Reason_Name

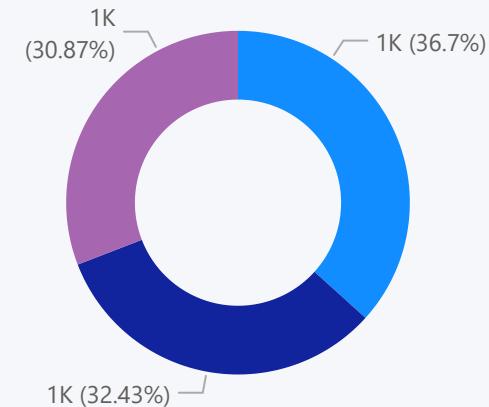


Top Symptoms Leading to Failures

Symptom_Name



Root Cause Distribution

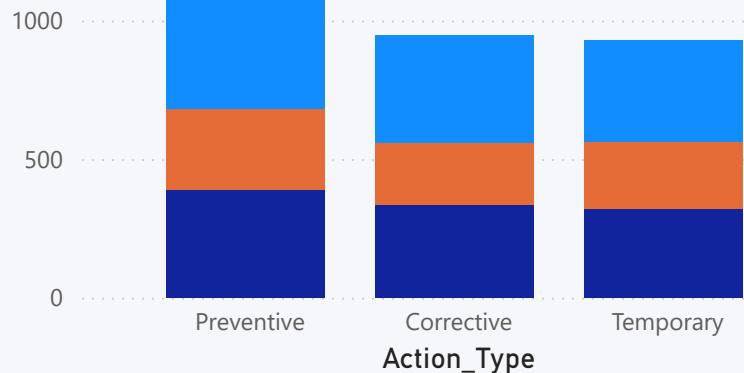


Reason_Type
● Mechanical
● Human
● Electrical

Fault Occurrences by Action_Type and Severity

Severity ● High ● Low ● Medium

Fault Occurrences



Preventive Corrective Temporary

Downtime & Maintenance Efficiency Report

[Reset Filters](#)

Select Time Period Select Action Type Select Machine Type Select Severity Level

All
All
All
All

26.98K

Total Downtime (H)

0.78

Avg Response Time(H)

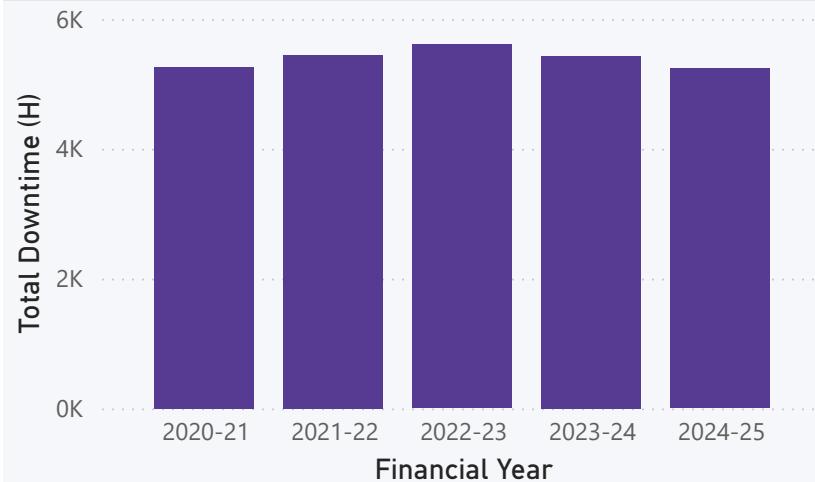
5.98

Avg Repair Time (H)

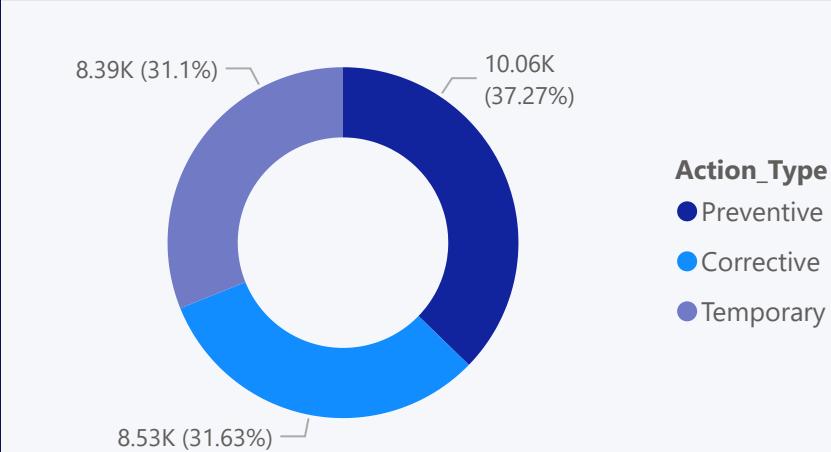
0.38

Preventive Action %

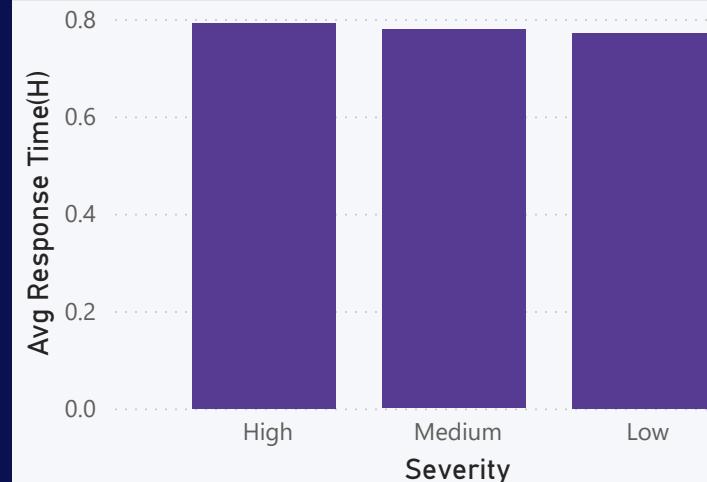
Financial Year-wise Downtime Trend



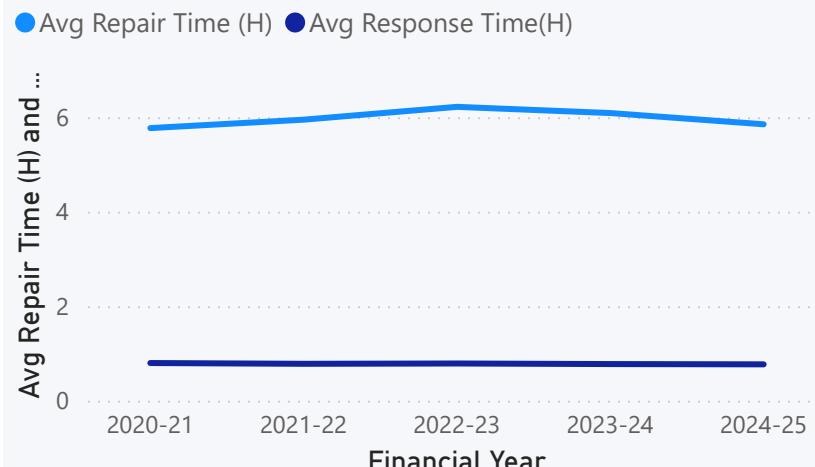
Downtime by Action Type



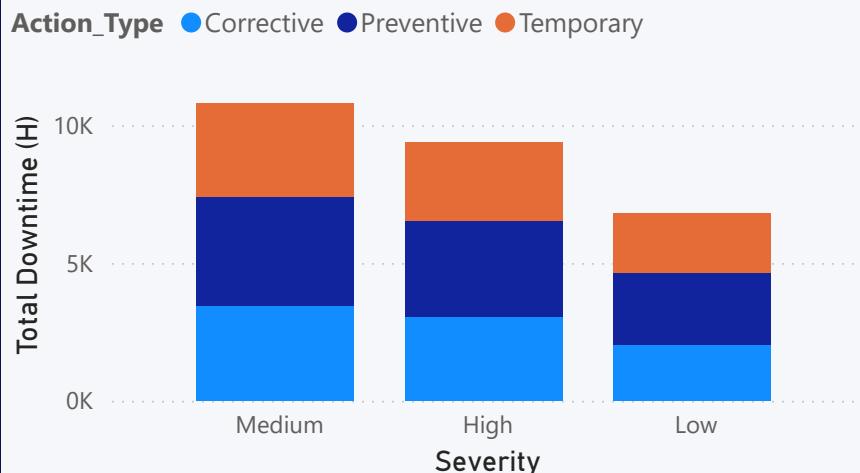
Avg Response Time by Severity



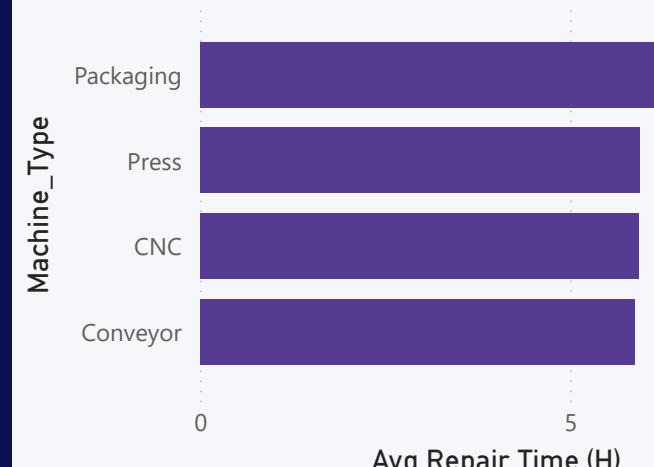
Repair and Response Time Trend by Financial Year



Downtime Distribution by Severity



Avg Repair Time by Machine Type



Cost & Action Effectiveness Report

↻ Reset Filters

Select Time Period Select Action Type Select Machine Type Select Fault Category

All

All

All

All

115M

Total Maintenance Cost

38.29K

Avg Cost per Breakdown

459.51K

Cost per Machine

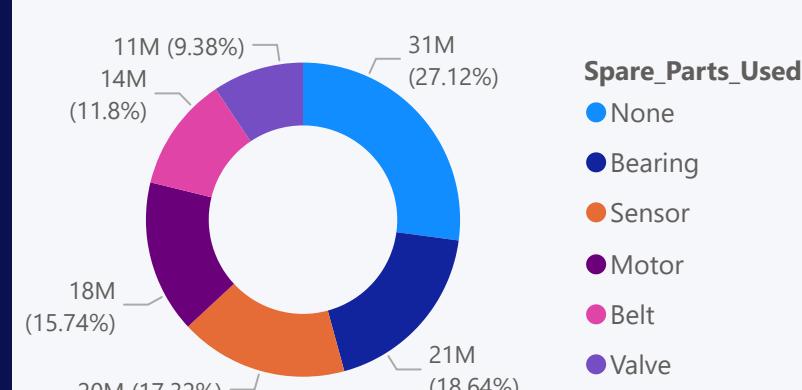
4.26K

Cost per Downtime Hour

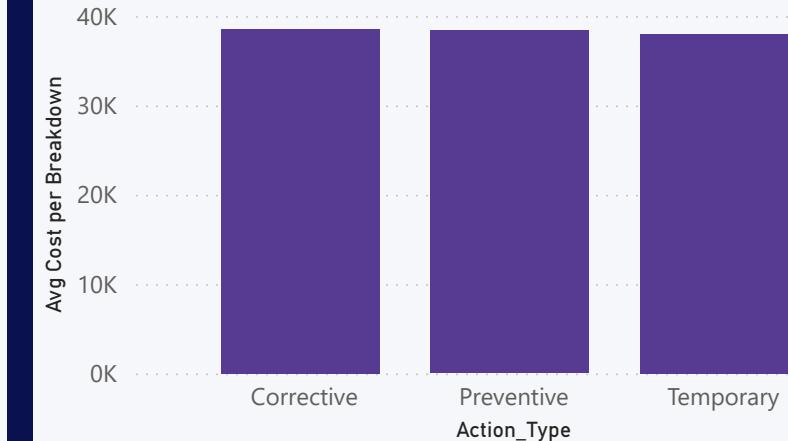
Financial Year-wise Maintenance Cost Trend



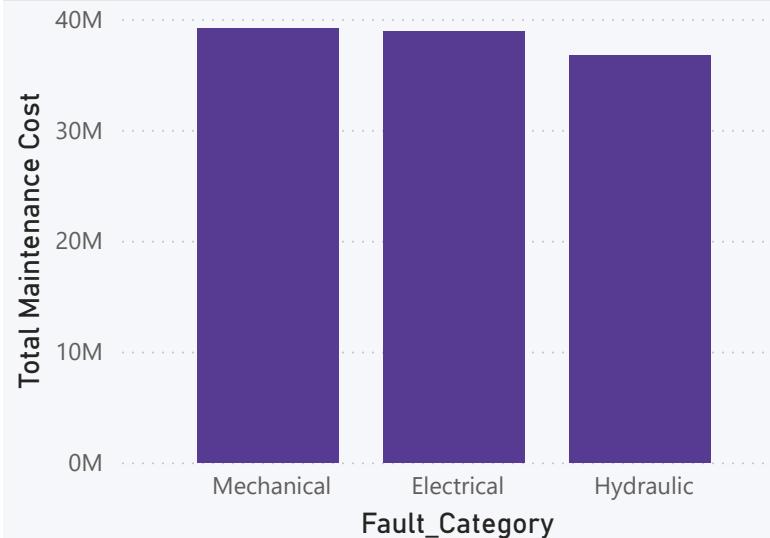
Cost Distribution by Spare Part Used



Avg Cost per Breakdown by Action_Type



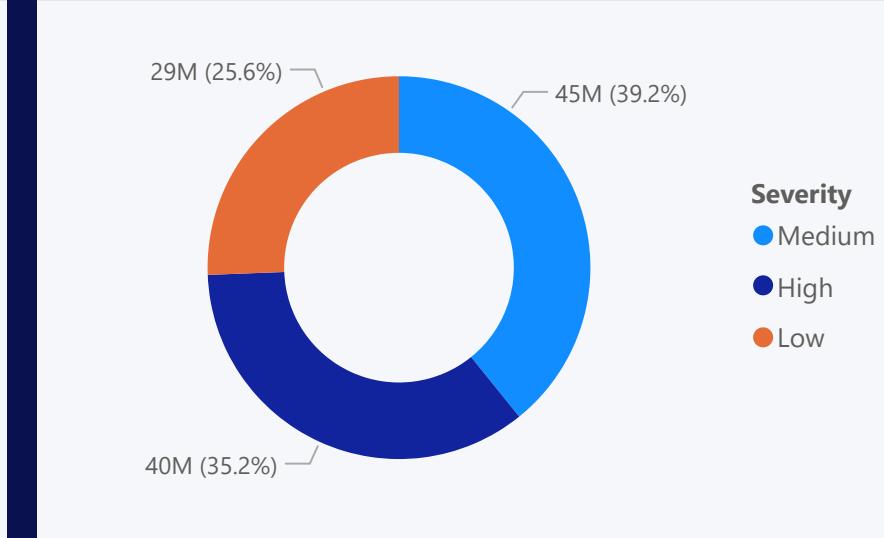
Total Maintenance Cost by Fault_Category



Top 10 Machines by Maintenance Cost



High vs Medium vs Low Severity – Cost Impact



Glossary

Breakdown

An unplanned failure of a machine that stops or affects normal operations.

Downtime (Hours)

The total time for which a machine is unavailable due to a breakdown, measured from fault reporting to repair completion.

Breakdown Occurrence

Each individual event where a fault is detected and logged for a machine.

Severity

Indicates the criticality of a breakdown:

- **High** – Major impact on production
- **Medium** – Partial impact
- **Low** – Minor or no immediate impact

Response Time

Time taken by the maintenance team to start responding after a breakdown is reported.

Repair Time

Actual time spent in repairing the machine, measured from repair start to repair completion.

Maintenance Action

The corrective or preventive step taken to resolve a fault (e.g., inspection, replacement, adjustment).

Action Type

Classification of maintenance actions: