Overall Equipment Effectiveness (OEE) Data

Availability: The percentage of time that equipment is available for production.

Performance: How well the equipment is performing compared to its maximum potential.

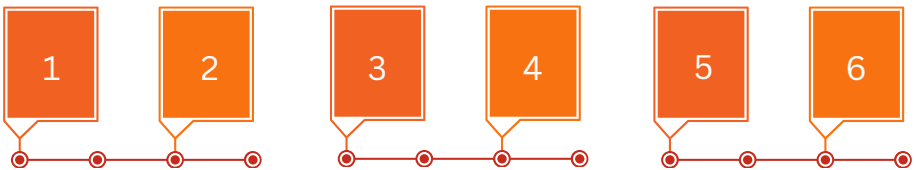
Quality: The number of good parts produced compared to the total number of parts produced.

OEE Calculation: Calculated by multiplying the availability, performance, and quality percentages.

CPK Analysis: A statistical tool used to measure the capability of a process to produce output within specification limits.

Process Control Chart: A graphical tool used to monitor and control processes over time.

Example process flow - Overall Equipment Effectiveness



Select Shift Date and Zone

Start by choosing a shift date and zone to focus on. This narrows down the dataset for a more specific analysis

Adjust Grouping Criteria

Experiment with the "Group By" filter to view OEE metrics grouped by specific criteria, such as SHIFTHOUR, for a detailed analysis

Review OEE Metrics and Target

Examine the summary section to understand overall OEE metrics, including Availability, Performance, Quality, OEE percentage, and the target part count

Analyze Part Counts and Targets

Explore the part count section to understand the number of parts produced in comparison to the target for Availability, Performance, and Quality

Explore Cumulative Metrics

Monitor the cumulative metrics to understand the trend in Availability, Performance, Quality, and OEE percentages over time.

Explore Cumulative Metrics

Utilize the time series chart to visually identify patterns and trends in OEE metrics, aiding in making informed decisions about equipment effectiveness

By effectively using these filters, users can tailor their analysis, gain insights into equipment performance, and make data-driven decisions to enhance overall equipment effectiveness. This training documentation aims to guide users through each step, ensuring a seamless navigation experience on the "OEE" dashboard in Odin Insights