



AJELIX

www.ajelix.com

11 KPIS FOR OPERATIONS MANAGERS

01 OVERALL EQUIPMENT EFFECTIVENESS

$OEE = \text{Availability} \times \text{Performance} \times \text{Quality}$

02 FIRST-PASS YIELD (FPY)

$FPY = \left(\frac{\text{Total Good Units}}{\text{Total Produced Units}} \right) \times 100\%$

03 THROUGHPUT

$\text{Throughput} = \frac{\text{Total Units Produced}}{\text{Total Production Time}}$

04 DEFECT RATE

$DR = \left(\frac{\text{Total Defective Units}}{\text{Total Produced Units}} \right) \times 100\%$

05 CUSTOMER RETURN RATE

$CRR = \left(\frac{\text{Total Returned Units}}{\text{Total Sold Units}} \right) \times 100\%$

06 ON-TIME DELIVERY

$OTD = \left(\frac{\text{Orders delivered on time}}{\text{Total orders shipped}} \right) \times 100\%$

07 LEAD TIME

$\text{Lead Time} = \text{Order fulfillment time} - \text{Order receipt time}$

08 INVENTORY TURNOVER

$IT = \frac{\text{Cost of goods sold (COGS)}}{\text{Average Inventory Value}}$

09 ORDER FULFILLMENT RATE

$OFR = \left(\frac{\text{Orders fulfilled on time and in full}}{\text{Total orders received}} \right) \times 100\%$

10 COST PER UNIT

$CPU = \frac{\text{Total Costs}}{\text{Total Units Produced}}$

11 OVERHEAD COST RATIO

$OCR = \left(\frac{\text{Total Overhead Costs}}{\text{Total Revenue}} \right) \times 100\%$

12 CALCULATE METRICS WITH AJELIX BI

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