



Manufacturing Downtime Analysis

64%

Overall Efficiency %

61

Number of Downtime

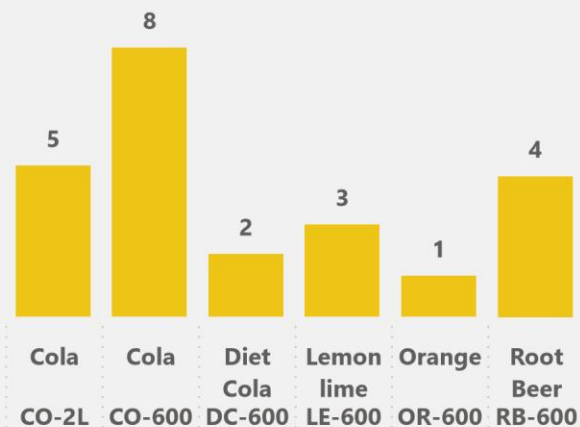
40

Avg Downtime Per Batch (Min)

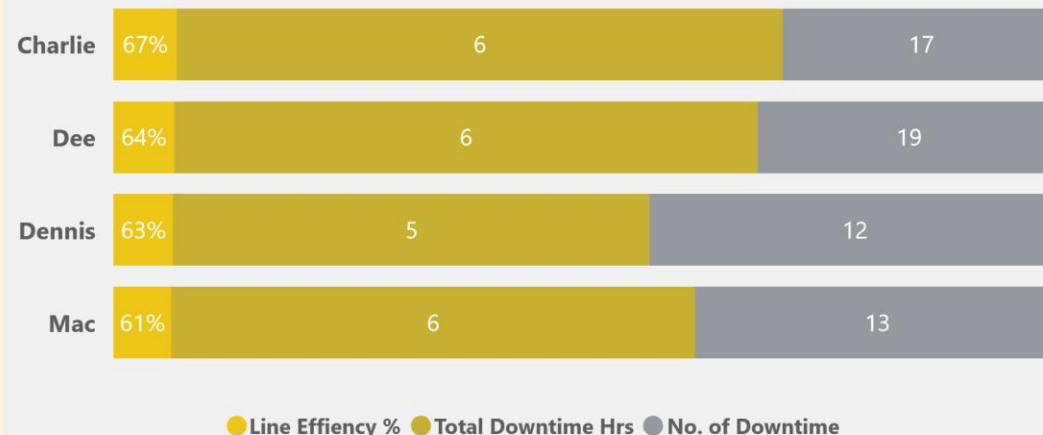
35

Number of Batches

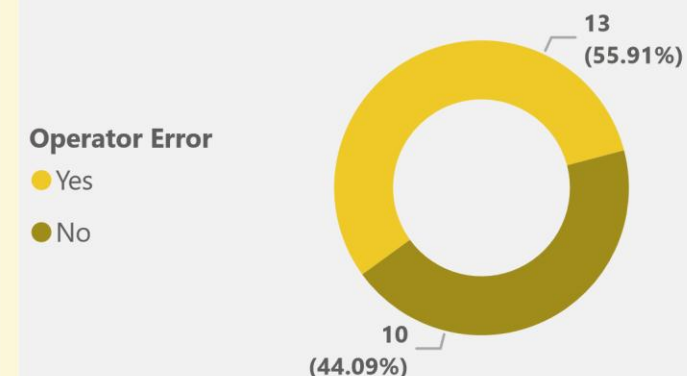
What Products Are Driving the Most Downtime Hours?



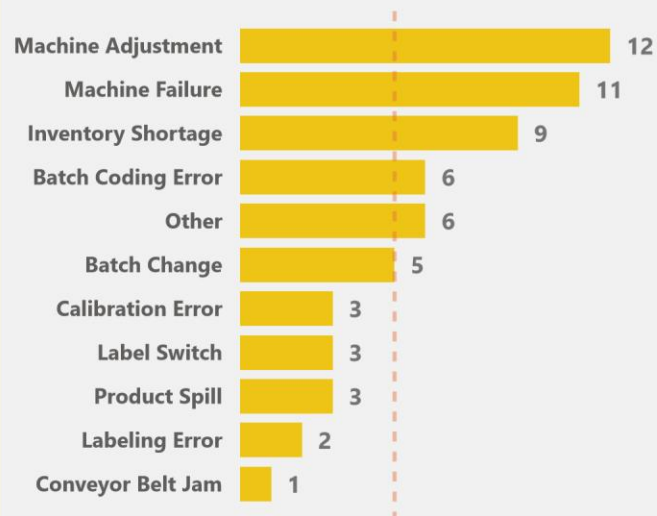
Which Operators Are Most Affected by Downtime?



Downtime Impact by Operator or Machine



Which Causes Happen Most Often During Downtime?



Machine Issues Encountered by Operators

Operator	Calibration Error	Conveyor Belt Jam	Machine Adjustment	Machine Failure
Charlie	1		4	3
Dee	2	1	3	2
Dennis			4	4
Mac			1	2
Total	3	1	12	11

Recommendations and Insights:

- Machine problems are the primary cause of downtime.
- Machine failure and adjustments are the most frequent causes.
- Cola (CO-2L) and Orange (OR-600) products drive the most downtime hours.
- Prioritize maintenance to reduce machine failures.
- Investigate Cola (CO-2L) and Orange (OR-600) production lines.

Lesson Learned:

- One session hindi talaga maabsorb lahat ng tinuro need talaga practice and i-explore yung tool and nagamit din yung mga learnings from excel kapag nag e-error kapag hindi ko napapalitan ng number yung string.
- Andaming beses nag crash dahil andaming inexplored lalo na sa DAX at power query may mga formula sa time na hindi nag rereflect yung tamang sagot sa power BI at sa DAX lang lumilitaw yung tamang sagot I remember naturo yun before pero iba talaga pag ikaw nalang mag isa ang gumagawa at nag aapply ng mga tinuro.

Key takeaways:

- I like how sir ABS explain the detailed purpose of what we are doing as Data Analyst and giving impact to the business and society sobrang nakaka inspire.
- Mas naappreciate ko yung tool ramdam ko talaga na nag upgrade ako since galing ako sa MS Excel bootcamp sa pag collect ng data and sa pag gawa ng report.

Thank you again DSA sa madaming learnings and pro-tips!