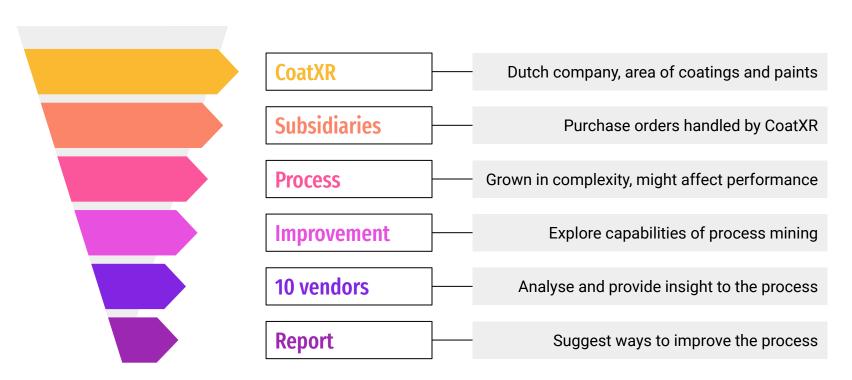


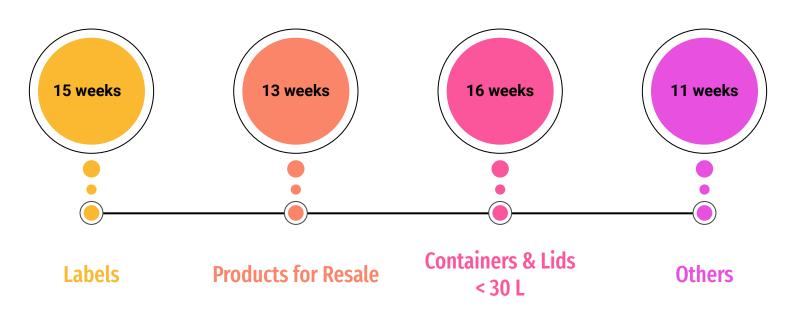
CoatXR BPM Project

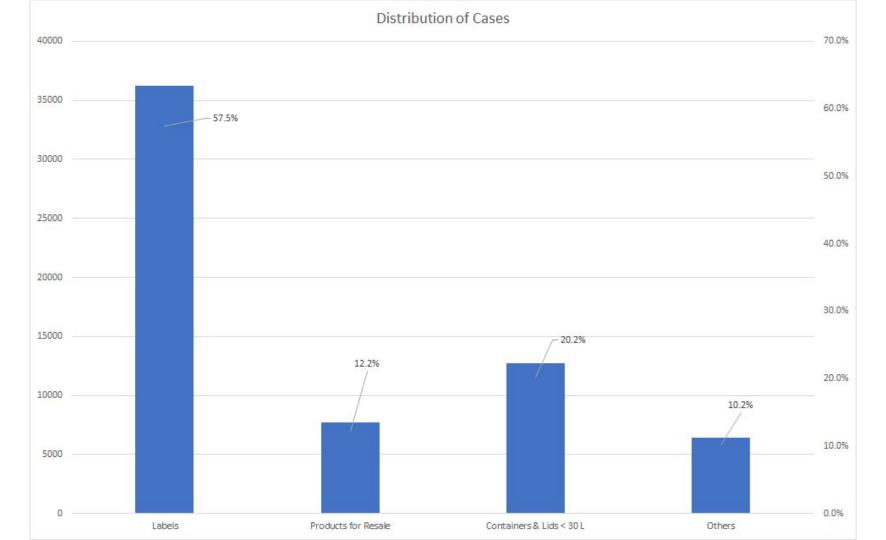
Mart Traagel

Project introduction

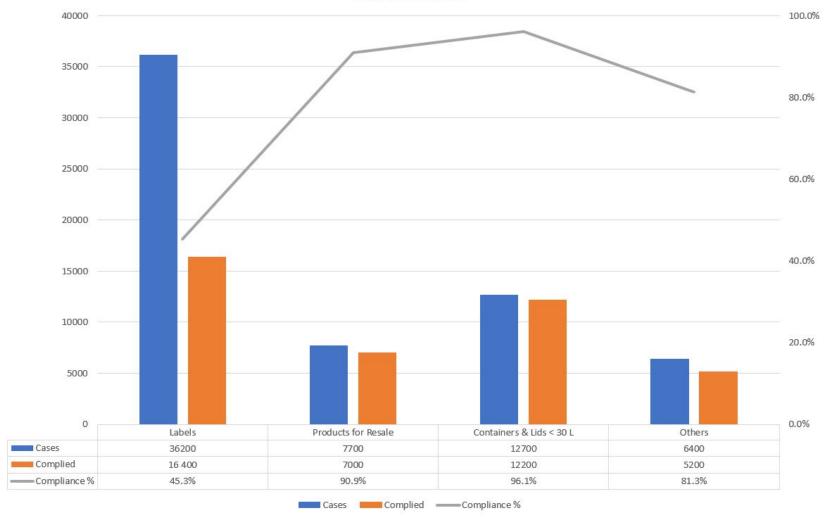


Service-level agreement (SLA) Compliance

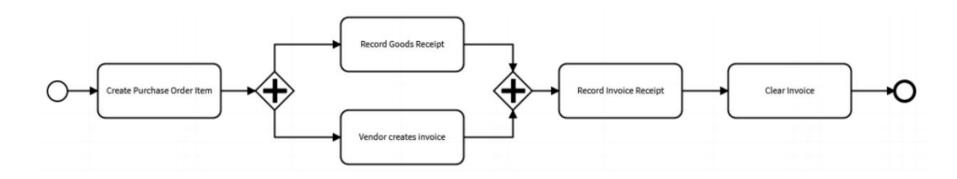




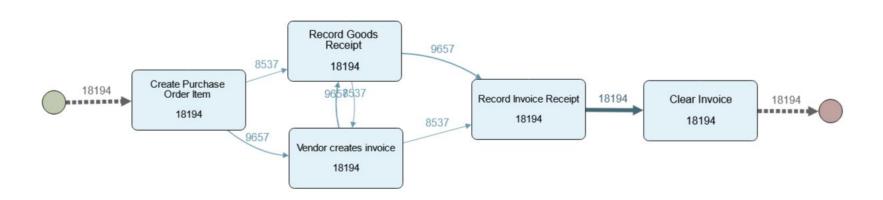
Compliance Ratio



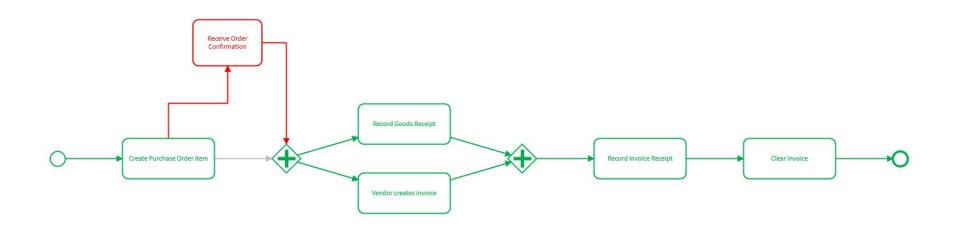
Deviations from ideal flow



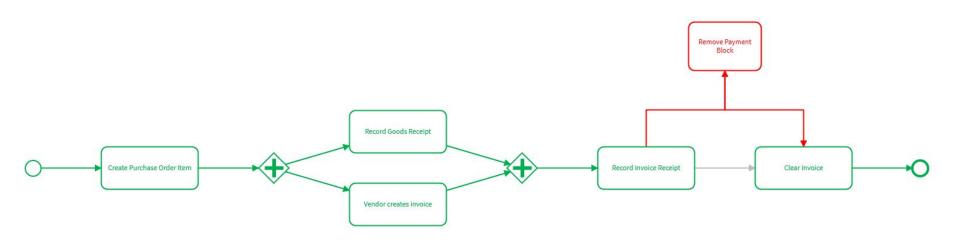
18194 Ideal cases (29%)



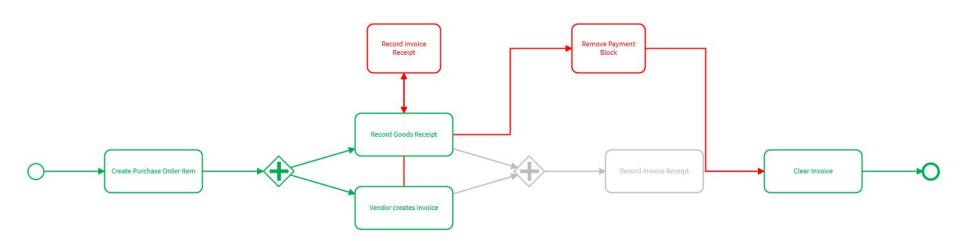
Common deviations (1) - 6834



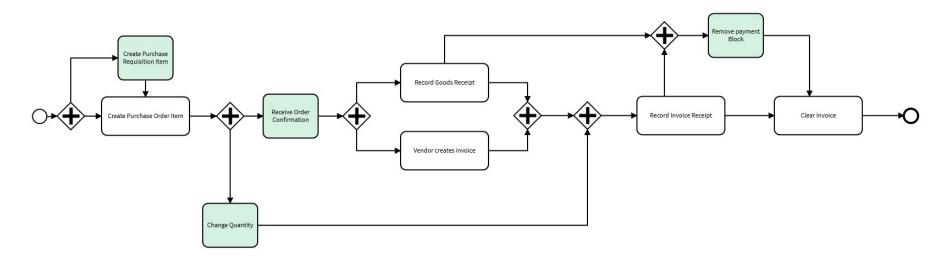
Common deviations (2) - 3430



Common deviations (3) - 2902

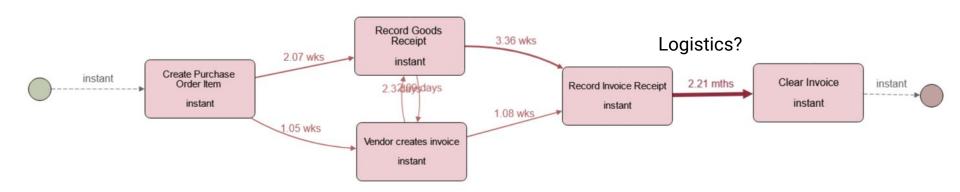


Common deviations (4)

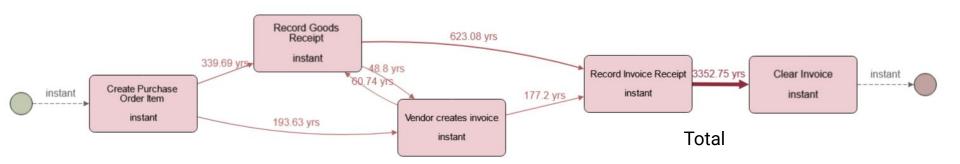


Reasonable cutoff: $1500 + cases (\sim 2\%)$ Covers $95\% + of cases (\pm 2\sigma)$

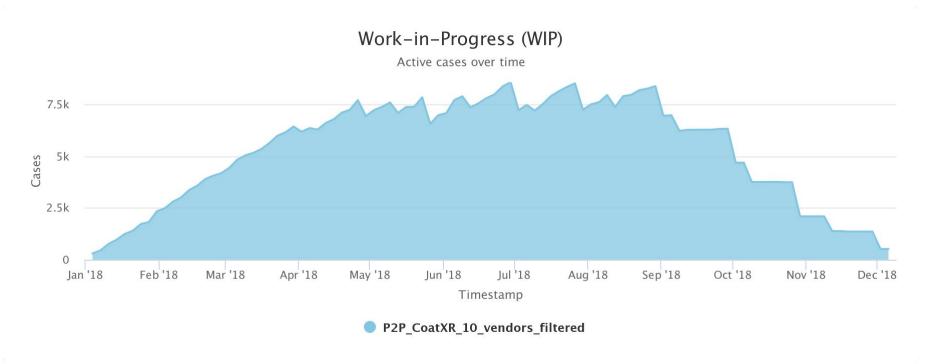
Process Milestones (average phase length)



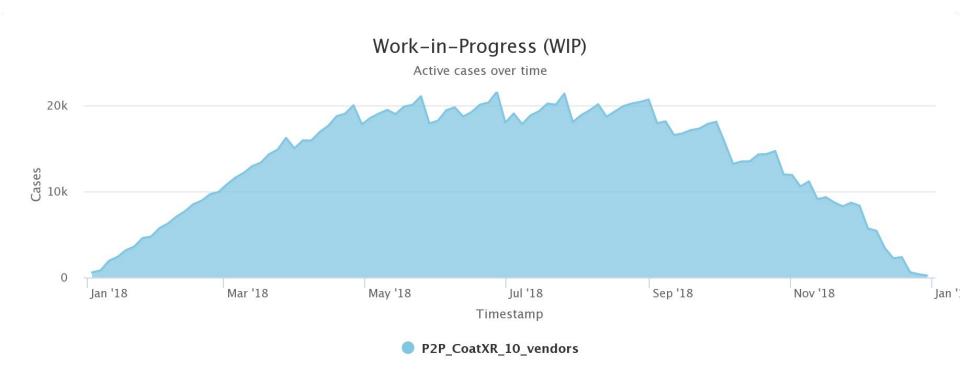
Process Milestones (total phase length)



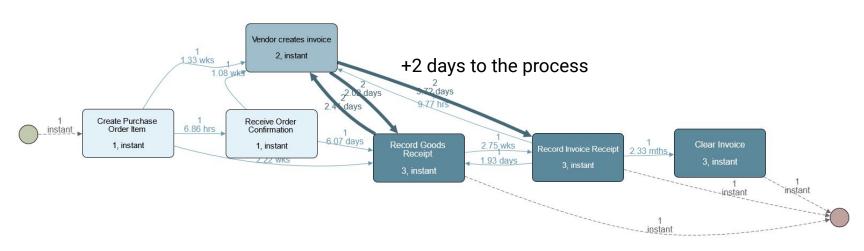
Seasonality of the process (WIP) - Ideal Cases



Seasonality of the process (WIP) - General Cases



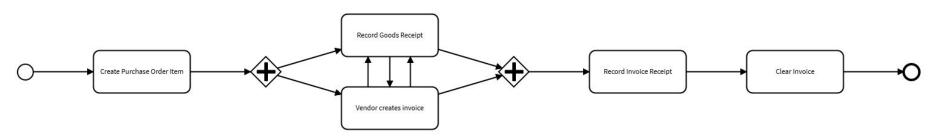
Rework-loops (1)



Mainly changes in quantity or price

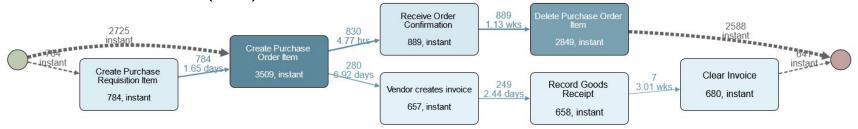
Rework-loops (2)

Would benefit from a linear flow



Effects of cancellations and deletions

- 3509 processes involved with cancellations and deletions
- 2588 (90%) deletions streamlined
- 53 (1.5%) reactivated



Cancellation Insights

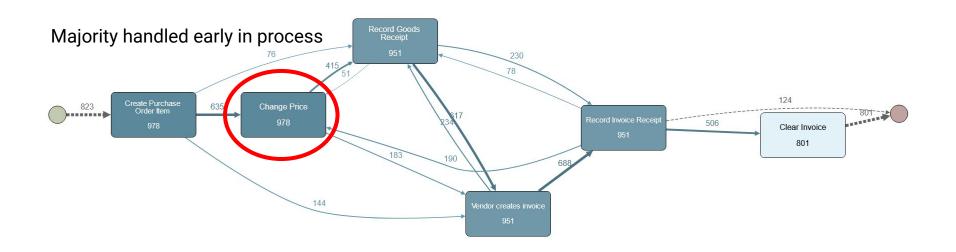
Reasons?

- Changes in order quantity and price
- Order confirmation ~8 days from order created
 - Long waiting time, found a new vendor?

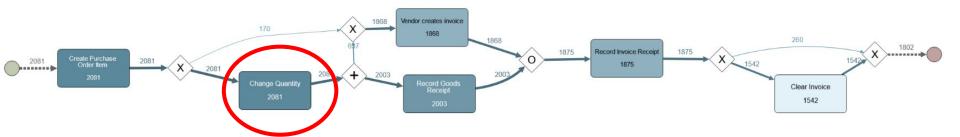
Improvements?

- 1920 (67.4%) cancellations straight from purchase order
 - 6 days wait in system, could be handled faster

Effects of changes - price

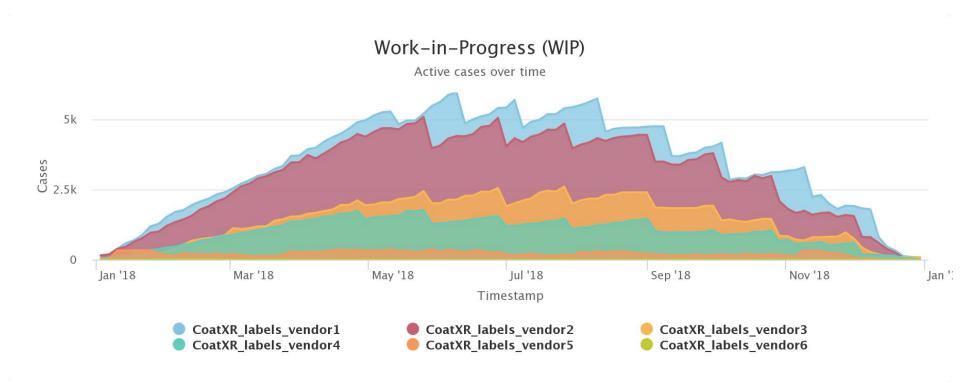


Effects of changes - quantity

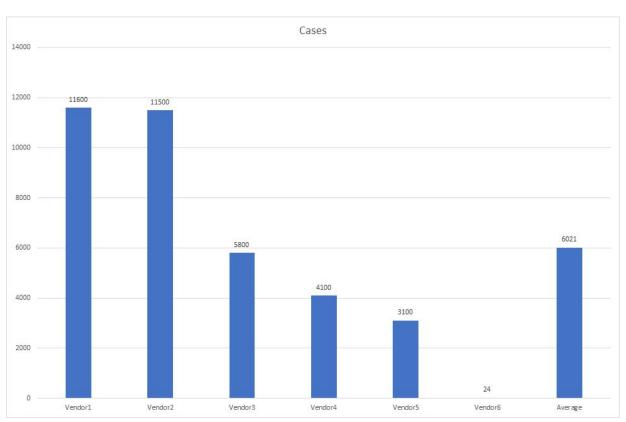


Majority handled early in process

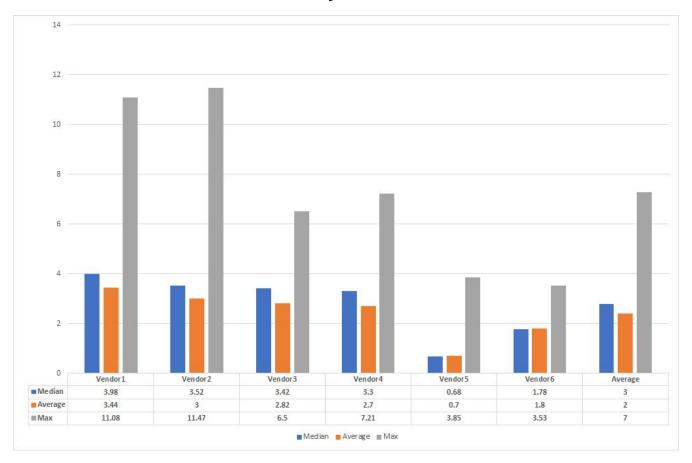
Differences between vendors of labels



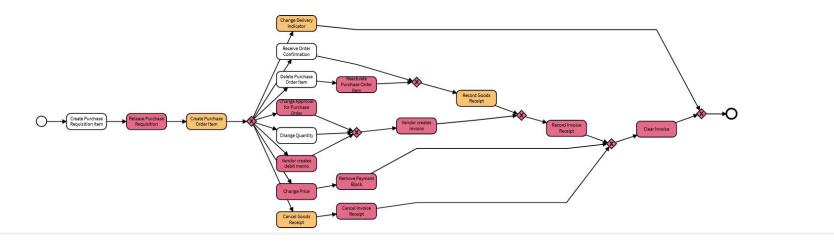
Label cases by Vendor

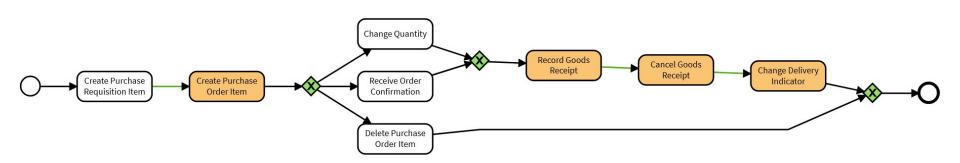


Case duration by vendor (months)



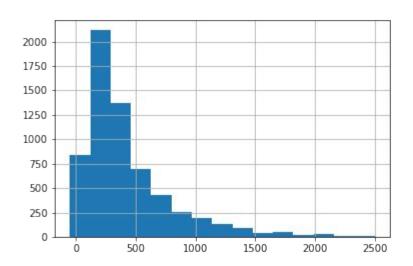
Vendor 1 vs Vendor 5



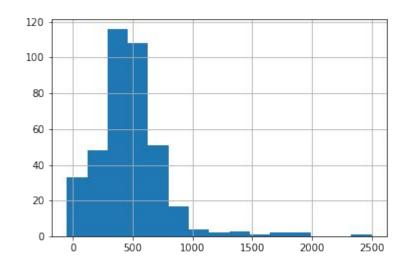




Free-form analysis

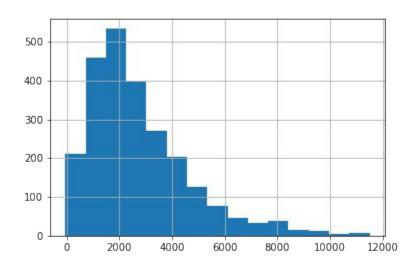


Label transaction price distribution (€) 4 142 408 €

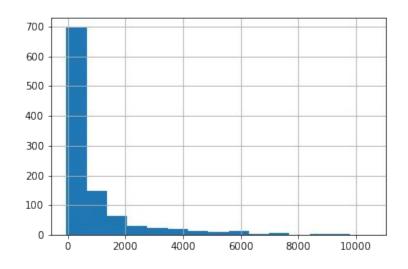


Products for resale transaction price distribution (€) 211 582 €

Free-form analysis 2

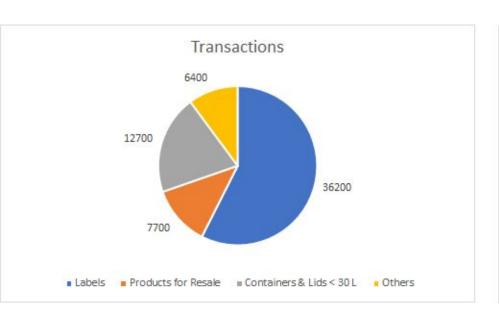


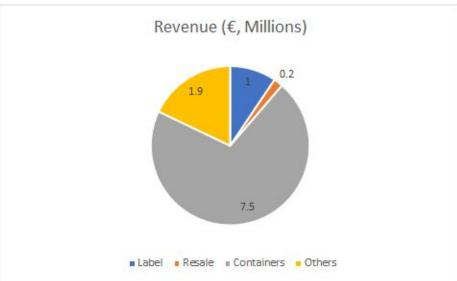
Containers < 30 L (Both) transaction price distribution (€) 7 468 615 €



All others transaction price distribution (€) 1 944 554 €

Transactions vs Revenue





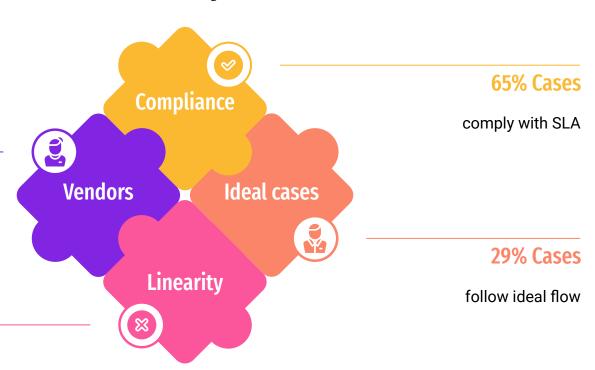
Recap

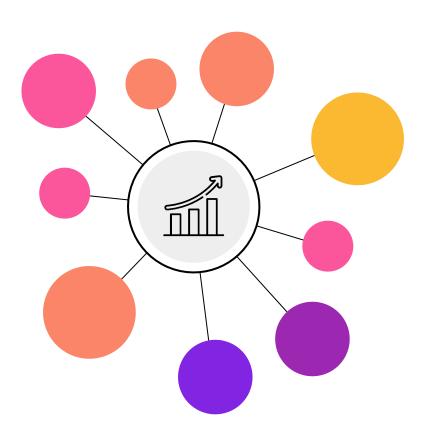
Equalize distributionOptimize distribution

Optimize distribution between vendors to balance load

A more linear process

Would reduce inherent loops and help optimize





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