Final Project for Clint Jansson

Problem Statement a.k.a Decompose The Ask

Develop a site dashboard for team I with.

Dashboard will show daily progress of production and how the business is performing in the current month.

There will be a separate app to apply machine learning to address overall growth with linear regression to characterize the growth by product type.

Identify Data Sources

Company ERP system (SAP), Data is extracted via a VBA script and loaded to SQL database on a 1-hour frequency.

The database will use this data to present the metrics with semi realtime (Hourly) results.

Define Strategy and Metrics

Create a Rshiny dashboard on my work machine, that I can host on our inhouse server.

Display for class and show how it can filter interactively.

Show expectation of the site growth and explain it’s the reason why we desire to be able to measure this process better in order to stabilizing

Pretty simple overall but that’s why I took this class to learn how to make a nice interactive dashboard the team could use to manage themselves.

Clint Jansson