Materials Performance Dashboards in Power BI

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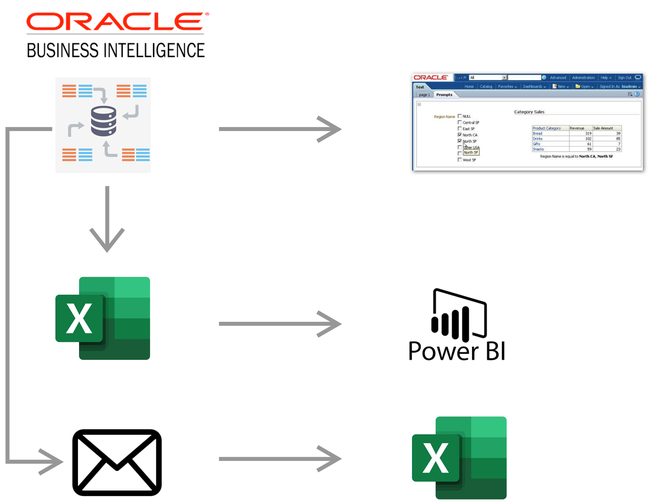
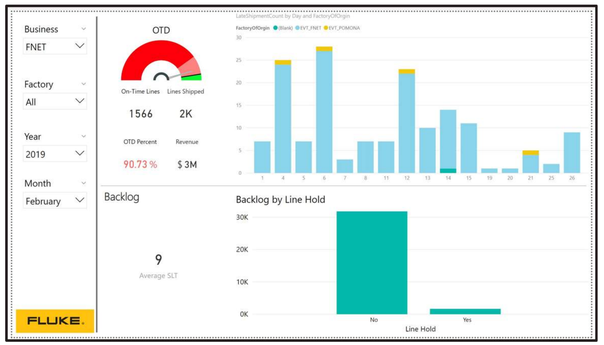
Abstract

Fluke Global Materials Team developed an Azure data warehouse for improved data analysis, retention, addressing the lack of standardization between sites and data collection. Our project is to create dashboards to ensure employees have access to the right information. Users can interact with visualizations, dig deeper into data using Data Analysis Expressions (DAX) and make informed business decisions from the insights

Problem



Dashboards



The Morning Coffee Dashboard gives the users insights on Backlog at the start of the day which lets them strategize plans for the day.

The Shipments Dashboard shows the On Time Delivery (OTD) status for shipments across entire Global Materials.

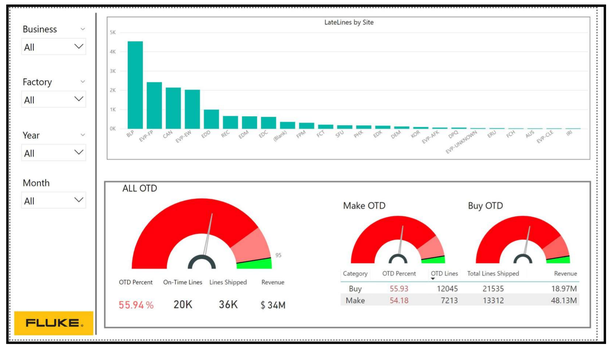


Fig 3.0 Shipments Dashboard

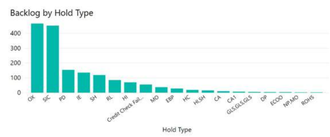


Fig. 1.0 & 1.1 Morning Coffee Dashboards

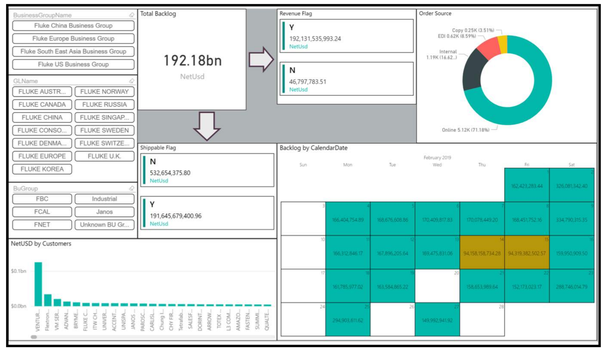


Fig 2.0 Backlog Dashboard

The dashboard gives a snapshot of the current backlog for Global Materials. It shows global backlog with revenue and non-revenue backlog as well as the amount of backlog which can be shipped or not.

Going Ahead

- Initialize dashboard projects
- Document problems and resolutions
- Identify future project ideas

Component breakdown of backlog and inventory of raw materials

Inventory and performance tracking database

Creation of a data dictionary

References:

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