



HOW BLUEPI HELPED COMPASS WITH ANALYTIC TOOLS TO CREATE STUNNING REPORTS USING POWER BI

Company

F&B



Location

India



Segment

Catering



Solutions

Analytics

The Client

Compass Group India is a 100% owned subsidiary of Compass Group PLC, one of the world's leading food and support services companies. Compass Group India has been servicing the Indian Corporate, Healthcare, Education and Offshore market needs since 2008, maintaining world-class standards of delivery across India.

Business Problem:

Compass team uses SAP ERP for Procurement. The Purchase Requisition is submitted by the teams which are validated against the vendor contracts and other custom rules, the requisitions for which validation passes the Purchase Order is automatically created and send to vendor to fulfil. The problem was 2 folds:

1. Auto generated PO was low. These Purchase Requisitions required manual intervention for fixing the problem and then it was re-submitted.
2. Compass team would take dump of data from SAP and run the reports on excel. Due to the complex nature of use case, it would take compass team 2 to 3 hours to extract the report which they had to run on daily basis.

BluePi's Solution:

BluePi team implemented a solution where the data from SAP would be extracted on daily basis (EOD).

This data would be loaded into Redshift tables as is. Once the raw data was loaded into Redshift, the aggregations were run on raw data to generate fact data/data marts which were loaded into Redshift tables.





The reports and visualizations were created on PowerBI which would source data from Redshift data marts. The reports would not just provide the current status of PO, but also highlight the reasons of failure to auto convert PO. Few reasons include:

1. The contracts would expire.
2. There contracts were done for standard quantity size but requisitions were submitted for different sizes.

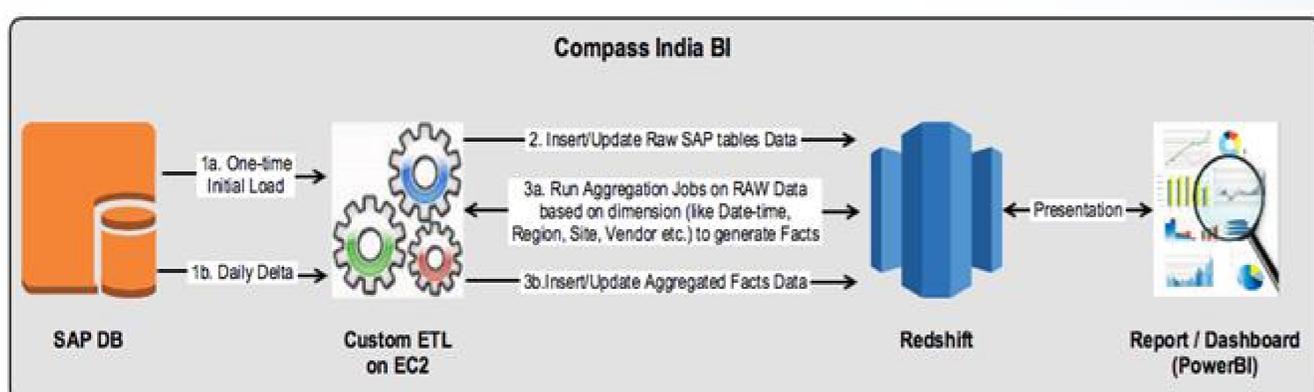
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The below diagram provides the high level over view of BI implementation for Compass India:

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Benefits/Outcome:

1. By identifying and fixing the root cause like (Contract expiry, Standard Quantity) of failure to convert PO automatically, the Compass India team currently has highly automated PO conversion and its improving.
2. The departments/locations whose PR to PO conversion was low were trained and checks were added in SAP to ensure that only standard sizing could be selected.
3. There was no manual intervention required to generate reports and SLA's.

Solutions

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