

# BI infrastructure and reporting

(Apparel Retail brand)

- Consolidated data from multiple data sources such as ERP system, Google Analytics, POS system etc. to create a single source of truth platform for reporting and analytics
- Built data cubes and executive dashboards to disseminate the information to key stakeholder

# BI infrastructure design & implementation for a luxury retail brand

## Situation

- The company exports its products to 15 countries and has over 50 retail stores globally. It did not have clear visibility in the performance of its business with limited and error-prone reporting.
- Partnered with the client to design and build their data cubes and executive level dashboards which are updated automatically daily

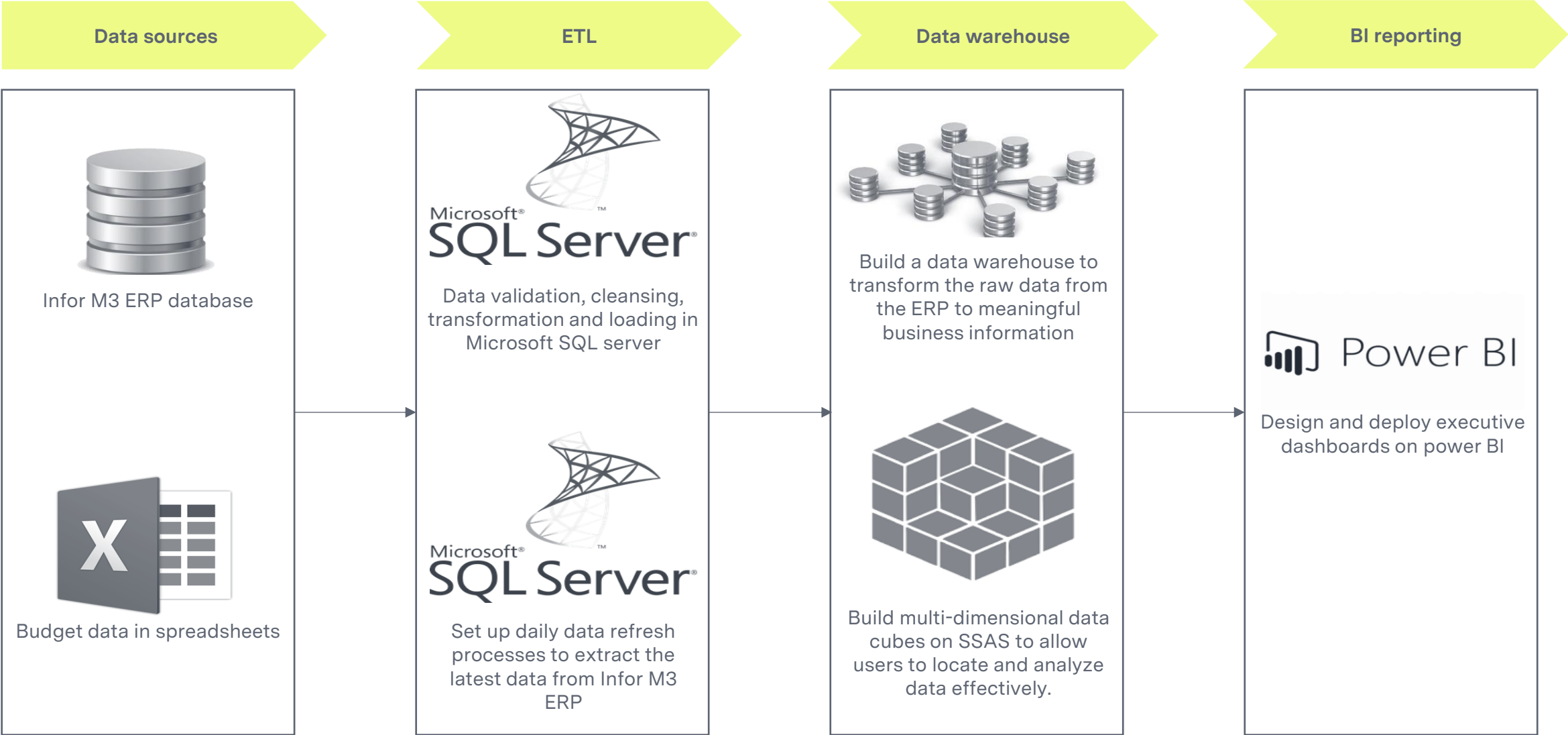
## Accordion Value Add

- Worked directly with the ERP (Infor M3 ERP) databases and POS system (Y2 POS) to identify and use the required data for the data cubes
- Built a data warehouse to transform the raw data from the ERP to meaningful business information based on business logic
- Built data cubes for tracking Sales, Procurement cost, Freight, Inventory, Production and Supply Chain performance
- Designed and built 20 distinct dashboards on Power BI to track performance by department and provide critical information to the C-Suite
- Developed streamlined automated process for daily update of the Datamart, Data cubes and Power BI dashboards

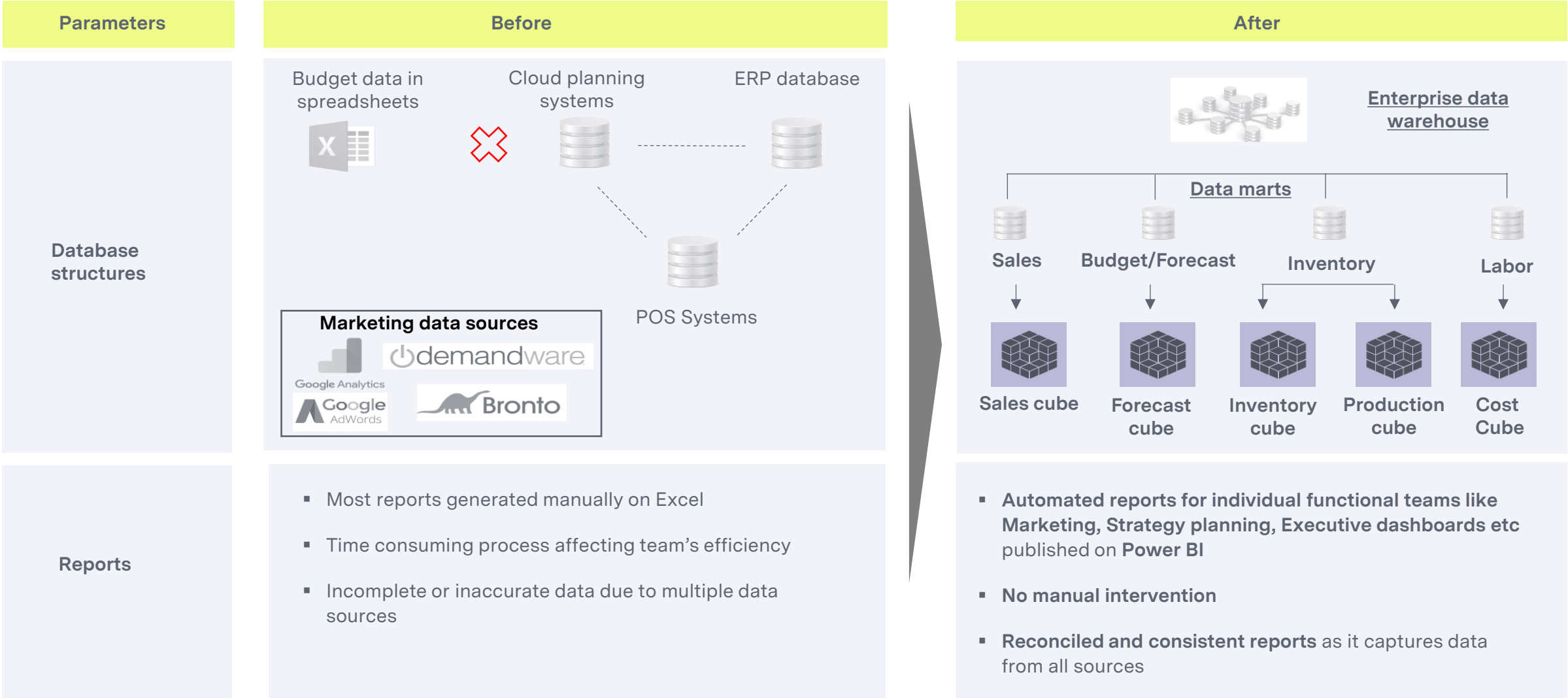
## Impact

- Our dashboards provide reliable and accurate reporting for the company, replacing their error-prone reporting infrastructure
- The timely information enables the retail team to monitor performance and take preventative actions where needed
- Single and updated source of truth enables the executive team to track critical KPIs related to procurement, manufacturing and sales

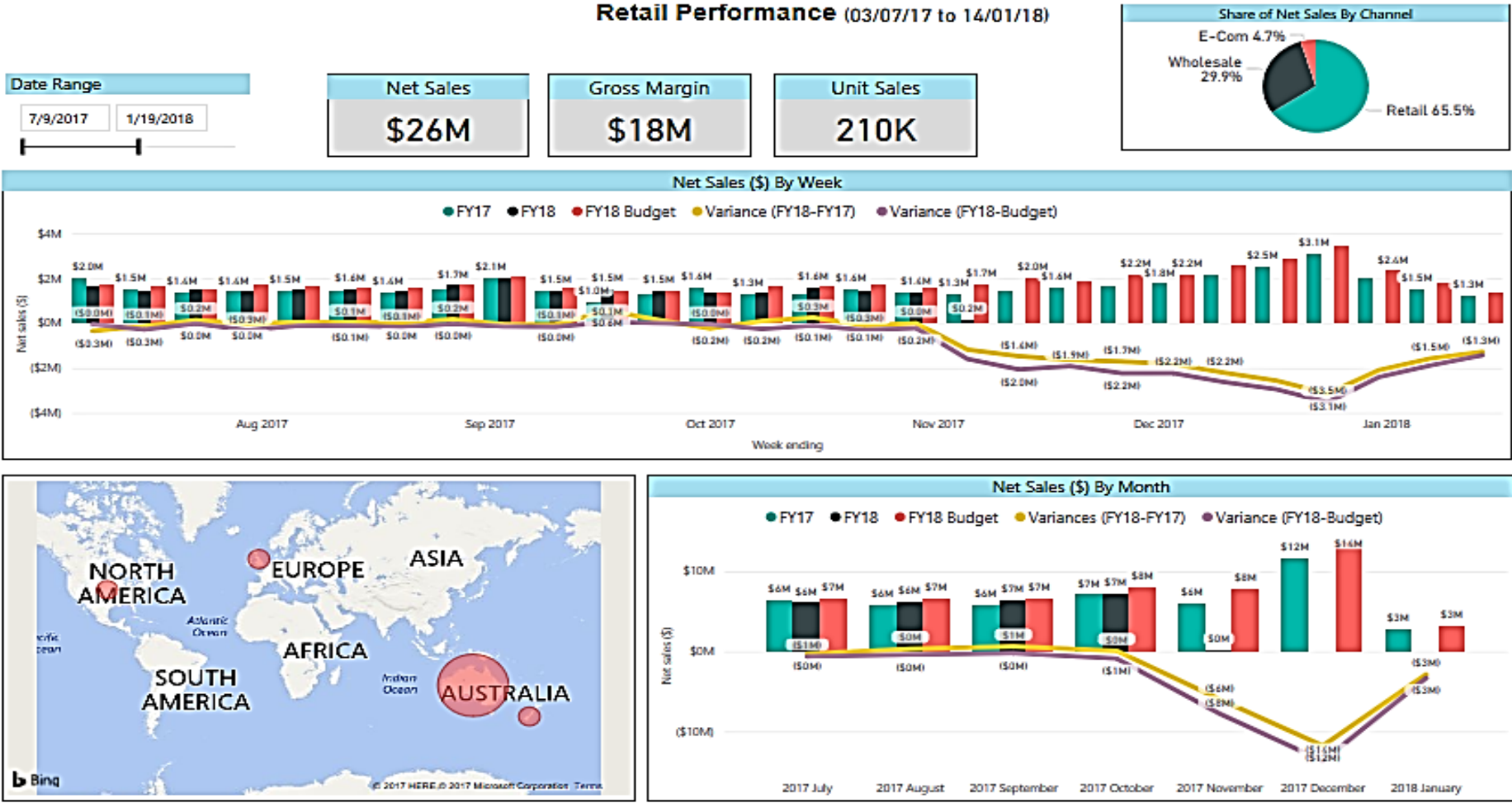
# Business intelligence architecture



# Streamlined data structures and developed enterprise DW and customized reports



# Retail performance dashboards - Example



# Sales performance dashboards - Example

