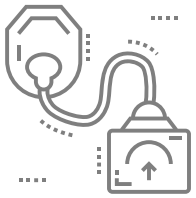

Profit Cube Augmentation

Cardiovascular Device Manufacturer

Automated and re-designed the process inefficiencies in the existing profit cube reporting, enabling a repeatable and refreshable process with minimal manual interventions

Profit cube augmentation for cardiovascular device manufacturer

Profit Cube Augmentation

Situation

- Client lacked visibility into profitability at SKU and geography level, due to varied cost allocation strategies followed across countries and functions. Additionally, the existing profit cube was set up for one-time use without the flexibility to refresh on a periodic basis.
- Partnered with the client to revamp the existing profitability reporting by templatizing and automating multiple manual processes to enable a repeatable and refreshable process

Accordion Value Add

- Re-designed the existing framework and methodology to build a single-click refresh process by revamping ~15 cost allocation processes
- Templatized and automated ~20 Excel files using Power Query and simplified 37 Alteryx workflows to ensure dynamicity and scalability for future.
- Structured and streamlined the profit cube update process by templatizing and standardizing the ~ 15 input sources such as ledger data, labor cost, operating expenses etc. to reduce the turnaround time as well as eliminate any manual errors
- Performed a comparative analysis of the current technology stack of the profit cube and evaluated other technologies to recommend the quick-wins as well as long-term outlook of the future state

Impact

- Automation of the intermediate calculations and workflow scheduling resulted in saving of ~80 FTE-hours per update.
- Enabled the client with scenario analysis of profitability and cost impact of various business decisions, by enabling flexibility and dynamicity with respect to user inputs in the model
- Provided visibility into SKU & Geography level profitability analysis to support the leadership team and finance function with key strategic decisions of product expansion, geography expansion, OPEX control etc.

Methodology/ Approach

Templatized user inputs including GL data, P&L, cost allocation assumptions, mappings

- Consolidated the source to update input transaction data, mappings, assumptions in a structured format
- Developed Process document and guidelines to carry out structural updates in future
- Incorporated error checks of critical points to maintain structural integrity of the inputs

Automated the Intermediate calculations through single click refreshes

- Automated manual processes and hard-coded /value pasted calculations from the input to the calculation sheets
- Revamped all manual intermediate calculations into a single click process through macros and power query

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Scheduled run of Alteryx workflows

- Re-designed Alteryx workflows to derive the outputs based on dynamic files generated from earlier steps
- Scheduled the workflows through Analytic app in Alteryx to remove any manual interventions in running all the workflows sequentially

ILLUSTRATIVE

Templatized user inputs with in-built data validation

User Inputs

- Headcount cost allocation strategy
- Product Revenue & COGS
- Inventory On-hand
- Other Cost - Spend
- Supply cost inputs
- Plant Level Variance
- Business Hierarchy
- Country, Legal Entity, Cost Type
- Consolidated P&L

Automated Refresh from templatized inputs to intermediate calculations

Automation of current state processes

- Codified the assignment of fixed and semi-variable costs based on employee levels
- Templatized the user input of cost split for employee job titles
- Automated the cost split into multiple countries for employee job titles
- Automated cost scaling calculations based on Global P&L and Headcount data
- Automated product hierarchy creation from GL data
- Automated cost element & country wise ratio calculation from GL data
- Automated expense allocation to countries & Supply /Mfg. segments
- Automated the flow from GL data and calculated the fixed and variable cost allocation across plants

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Templatized user inputs to accommodate cost allocation strategies and global decisions

User input

Enter the split of cost allocation from Global HQ to Regional HQ

Region	Ratio
Region 1	0.48
Region 2	0.04
Region 3	0.31
Region 4	0.09
Region 5	0.08
	TRUE

Error checks on the data

ILLUSTRATIVE

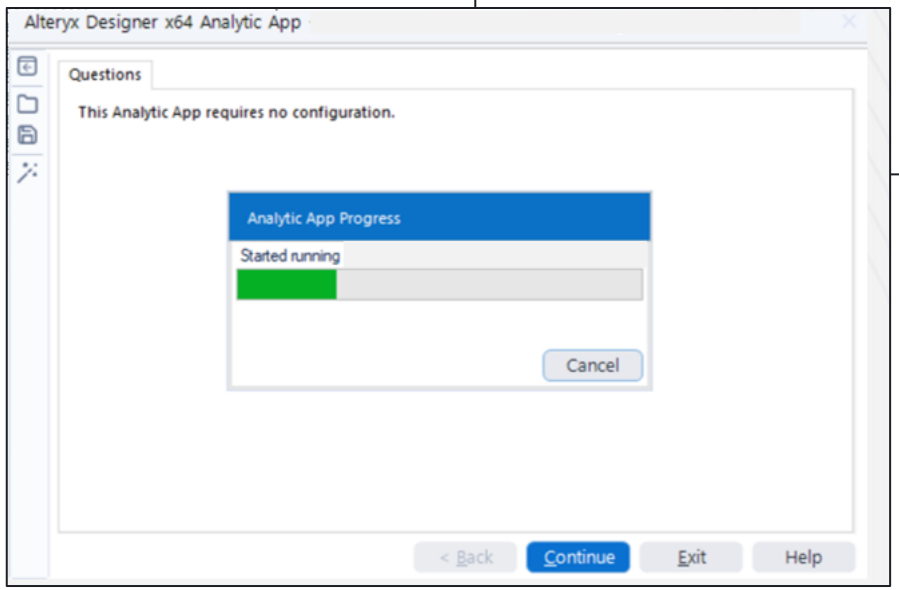
Automated refresh processes through macros and analytic app

Single click refresh button to run different cost allocation processes

Refresh Intermediate Files

File Name	Refresh Progress
File 1	**Refresh Success**
File 2	Refresh Success
File 3	Refresh Success
File 4	Refresh Success
File 5	Refresh Success
File 6	Refresh Success
File 7	Refresh Success
File 8	Refresh Success
File 9	Refresh Success
File 10	Refresh Success
File 11	Refresh Success
File 12	Refresh Success
File 13	Refresh Success
File 14	Refresh Success
File 15	Refresh Success
File 16	Refresh Success
File 17	Refresh Success

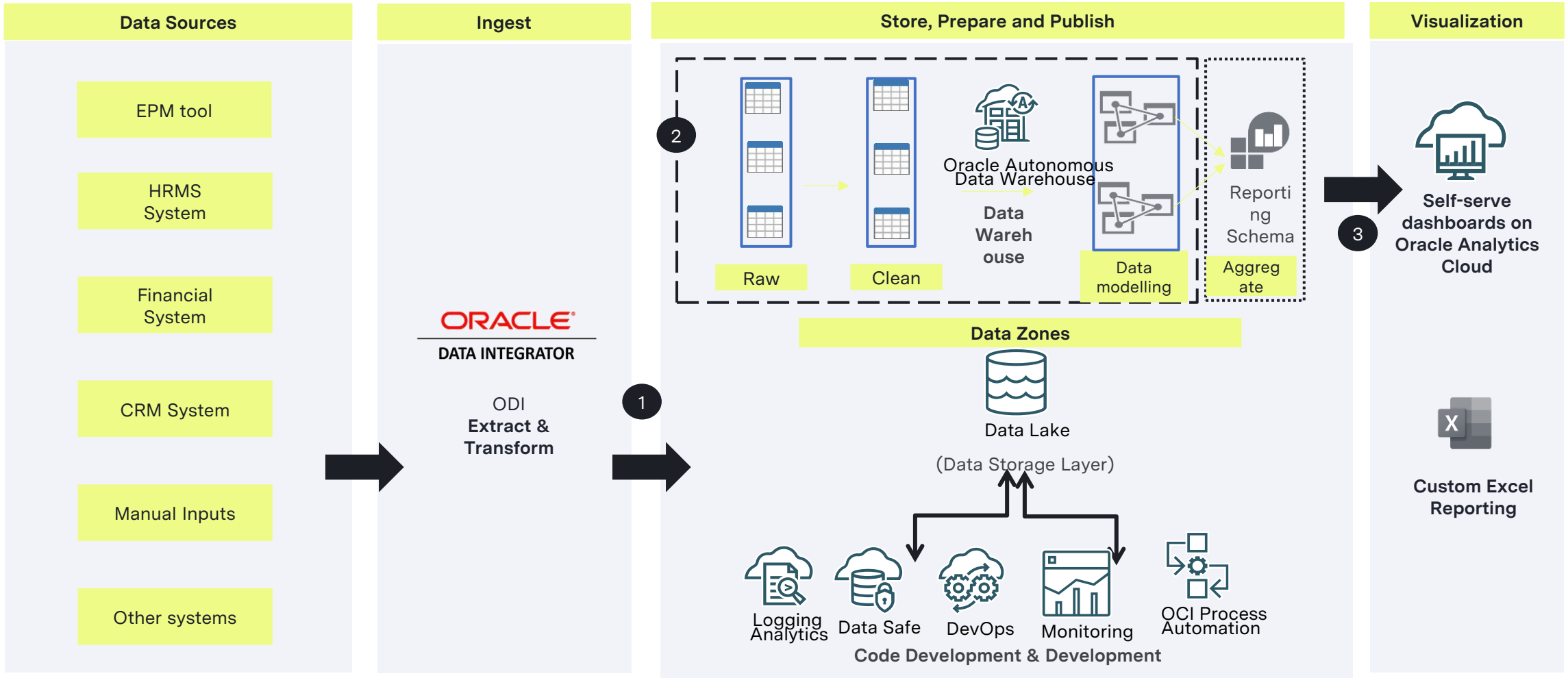
Refresh status of the cost allocation processes



Automated triggering of Alteryx workflows through Analytic App

ILLUSTRATIVE

Future state architecture for profit cube reporting



1. Collate and ingest data from different source systems via Oracle Data Integrator
2. Leverage Autonomous Data Warehouse for consolidation and aggregation of raw data
3. Revamp the existing data transformations and reporting processes by setting up automated and self-serve dashboards on Oracle Analytics Cloud