



Advanced data engineering techniques resulted in an 83.47% reduction in reports needed by multiple COEs, enhancing efficiency and responsiveness.

Challenge

An Asian traditional traditional medicine company operating in Singapore, Malaysia, Hong Kong, and Macau, used to rely on Excel sheets for their daily reports. This approach was not only time-consuming but also demanded substantial manual labor.

Approach

- Created data engineering layer to perform all the necessary transformations and calculations
- Created templates for the manual files and automated data loading of these files
- Reports were clubbed in terms of similarity with data source, business unit & execution

Objectives

Design a solution that aims to streamline their operations and eliminate the manual creation of approximately 115 reports spanning various geographic locations and teams.

Solution

- Data lake in the backend to enable centralization of the data required for all the reports
- Reports which had external data requirements outside the data lake and required users to create manual reports, these data sources were automated by creating data pipelines.
- Reports became faster in terms of performance and responsiveness
- Integration of manually entered data became smoother

Key Results

90.25%

Avg Reduction in time taken to gathering data & analysis

83.47%

Reduction in the number reports being used

About Straive

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