Data maturity and EDW development

Premium apparel and footwear brand

Help in improving data maturity of company from data proficient stage to data savvy stage by build an enterprise data warehouse and creating robust data governance framework

Premium apparel and footwear brand needs data maturity and EDW development

Picture this…

You're looking for KPI/Metric definitions that are not standardize leading to individual interpretation of the output leading to data inconsistencies and quality. Also, due to frequent change in senior leadership, data owners are not assigned for each functions, leading to lack of data governance in organization. Currently, business is reliant on manual reporting processes for data consumption across functions which leads to inefficiencies, delays, and potential errors in data outputs.

You turn to Accordion.

We partner with your team to help in improving data maturity of company from data proficient stage to data savvy stage by build an enterprise data warehouse and creating robust data governance framework, including:

1) Developing robust and scalable data architecture by implementing data lakehouse architecture using latest cloud tools (Snowflake, DBT, Fivetran) to ingest & process data in the most optimal manner. Optimized the number of tools/technologies to serve the short-term and long-term needs without compromising on speed and accuracy of data processing.

2) Analyzing and automating the sales consolidation process, thus improving the efficiency of the reporting process significantly. Also, implementing the data segregation through Access Control List (ACL) across departments to ensure data privacy

3) Automating the existing excel reporting leveraging the new data warehouse and developed a comprehensive reporting suite which was more structured and easily understandable to the business users including the standard logic for each KPI/Metric

Your value is enhanced.

You have streamlined and operationalized a fully automated data warehouse solution which enabled visibility into existing & new standardized KPIs/metrics for the senior management, providing valuable insights for decision making. You have eliminated the manual effort required to produce recurring and ad-hoc reports by fully automating the process, saving 40 FTE hours per week. You have also enhanced the data maturity level of the company to data savvy level by automating the data ingestion and processing through advanced data cleansing techniques. This led to more accurate metrics which was a leading cause of concern for data reliability.

KEY RESULT

- `~40 FTE hours per week savings`

VALUE LEVERS PULLED

- `Data Warehouse and ETL Tools Implementation`
- `Tableau Dashboard/Reports creation`
- `Fully automated Data flow i.e., from Data source to Dashboards/reports`

Data maturity and EDW development for athletics company

Situation

- Business was reliant on manual reporting processes for data consumption across functions which lead to inefficiencies, delays, and potential errors in data outputs. This dependency posed risks to data quality and organizational agility, limiting scalability and data maturity of organization.

- KPI/Metric definitions were not standardized leading to individual interpretation of the output leading to data inconsistencies and quality. Also, due to frequent change in senior leadership, data owners were not assigned for each functions, leading to lack of data governance in organization.

Accordion Value Add

- Developed robust and scalable data architecture by implementing Data Lakehouse Architecture using latest cloud tools (Snowflake, DBT, Fivetran) to ingest & process data in the most optimal manner. Optimized the number of tools/technologies to serve the short-term and long-term needs without compromising on speed and accuracy of data processing.

- Analyzed and automated the sales consolidation process, thus improving the efficiency of the reporting process significantly. Also, implemented the data segregation through Access Control List (ACL) across departments to ensure data privacy.

- Automated the existing excel reporting leveraging the new data warehouse and developed a comprehensive reporting suite which was more structured and easily understandable to the business users including the standard logic for each KPI/Metric.

Impact

- Streamlined and operationalized a fully automated Data warehouse solution which enabled visibility into existing & new standardized KPIs/Metrics for the senior management, providing valuable insights for decision making.

- Eliminated the manual effort required to produce recurring and ad-hoc reports by fully automating the process, saving 40 FTE hours per week

- Enhanced the data maturity level of the company to Data Savvy level by automating the data ingestion and processing through advanced data cleansing techniques. This led to more accurate metrics which was a leading cause of concern for data reliability.

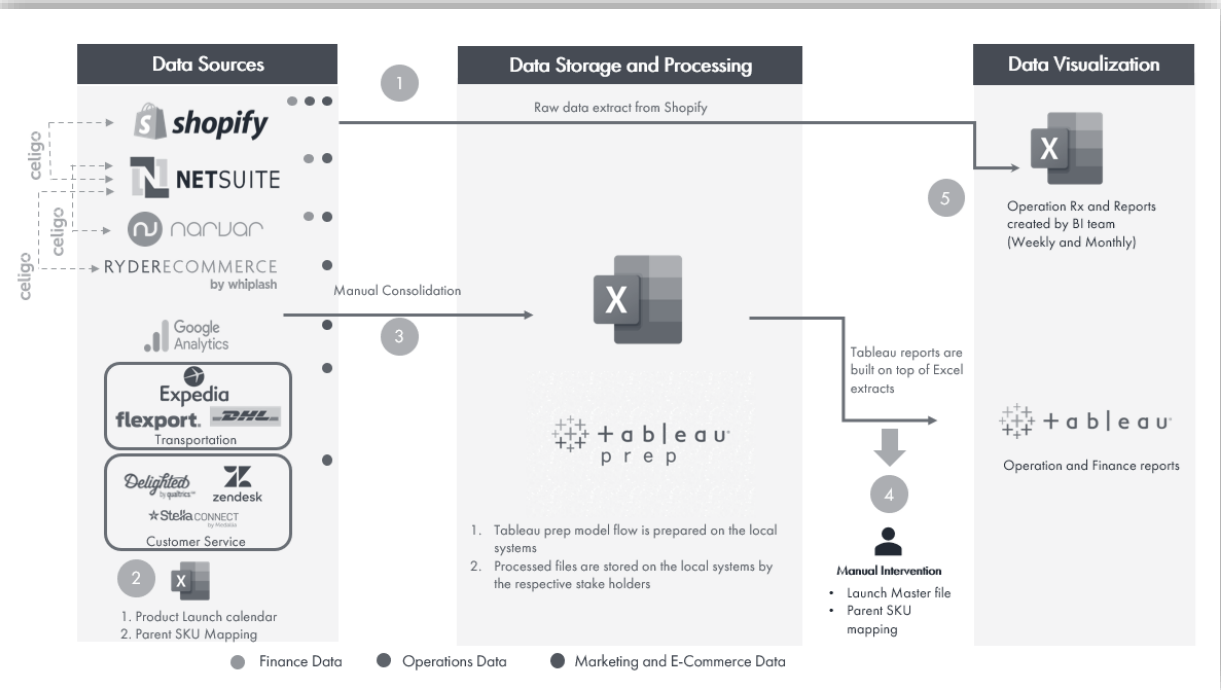# Current state vs. Future state - Data lineage
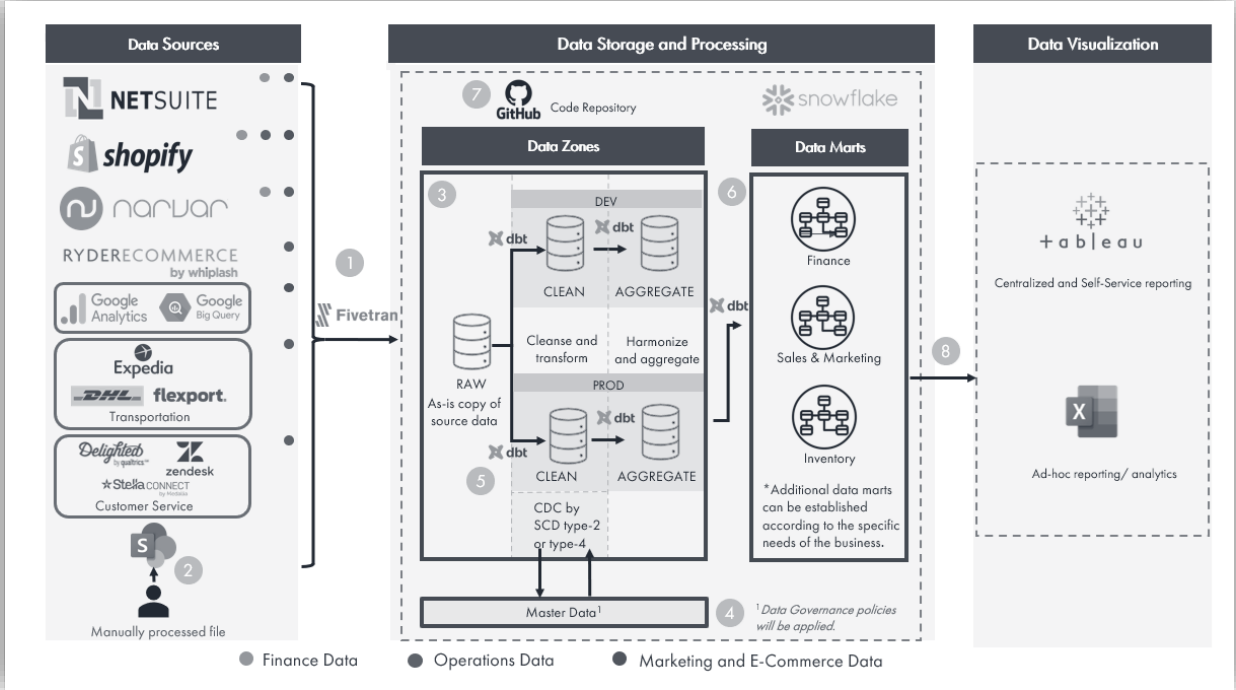
Current State
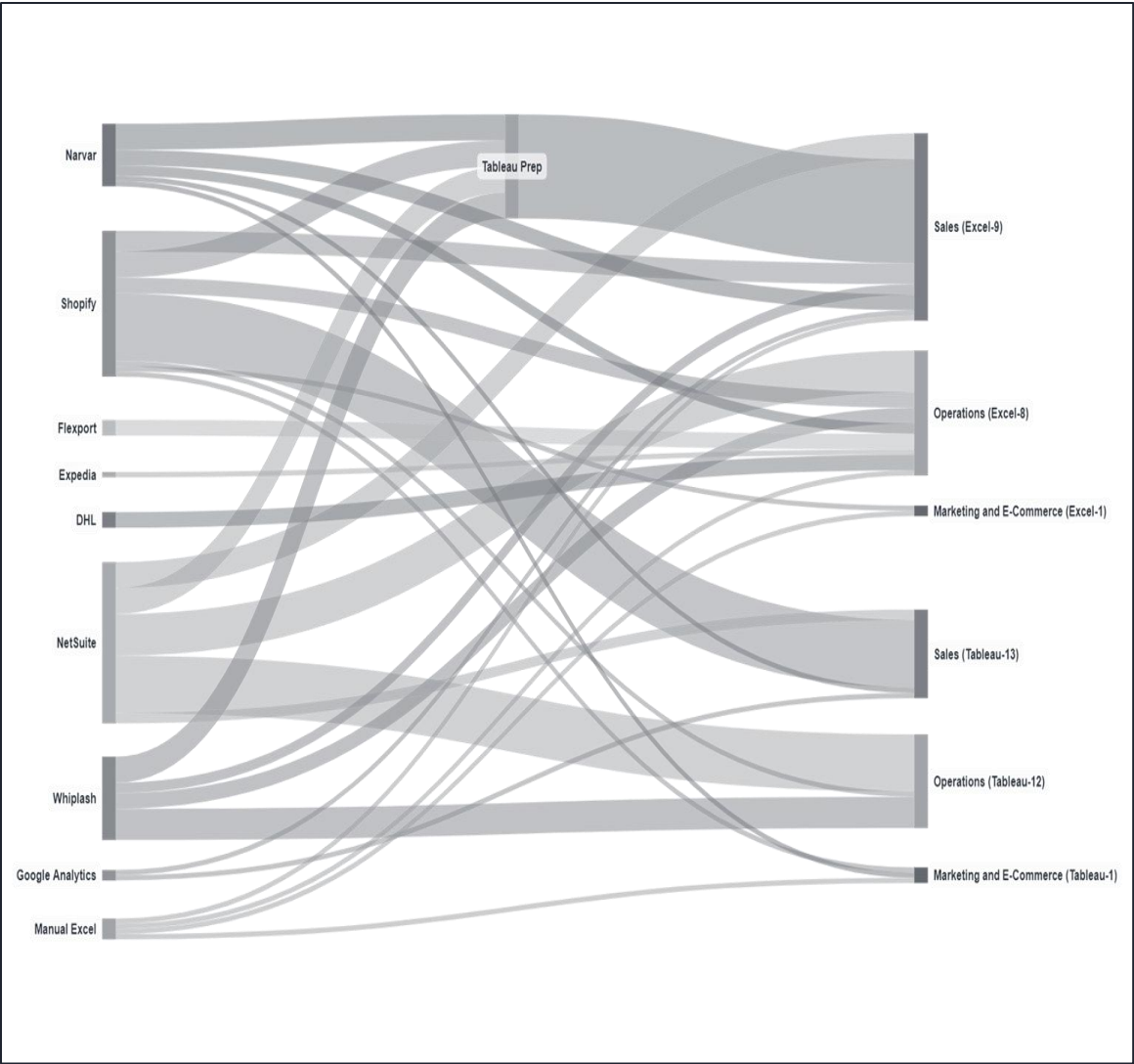
Future State
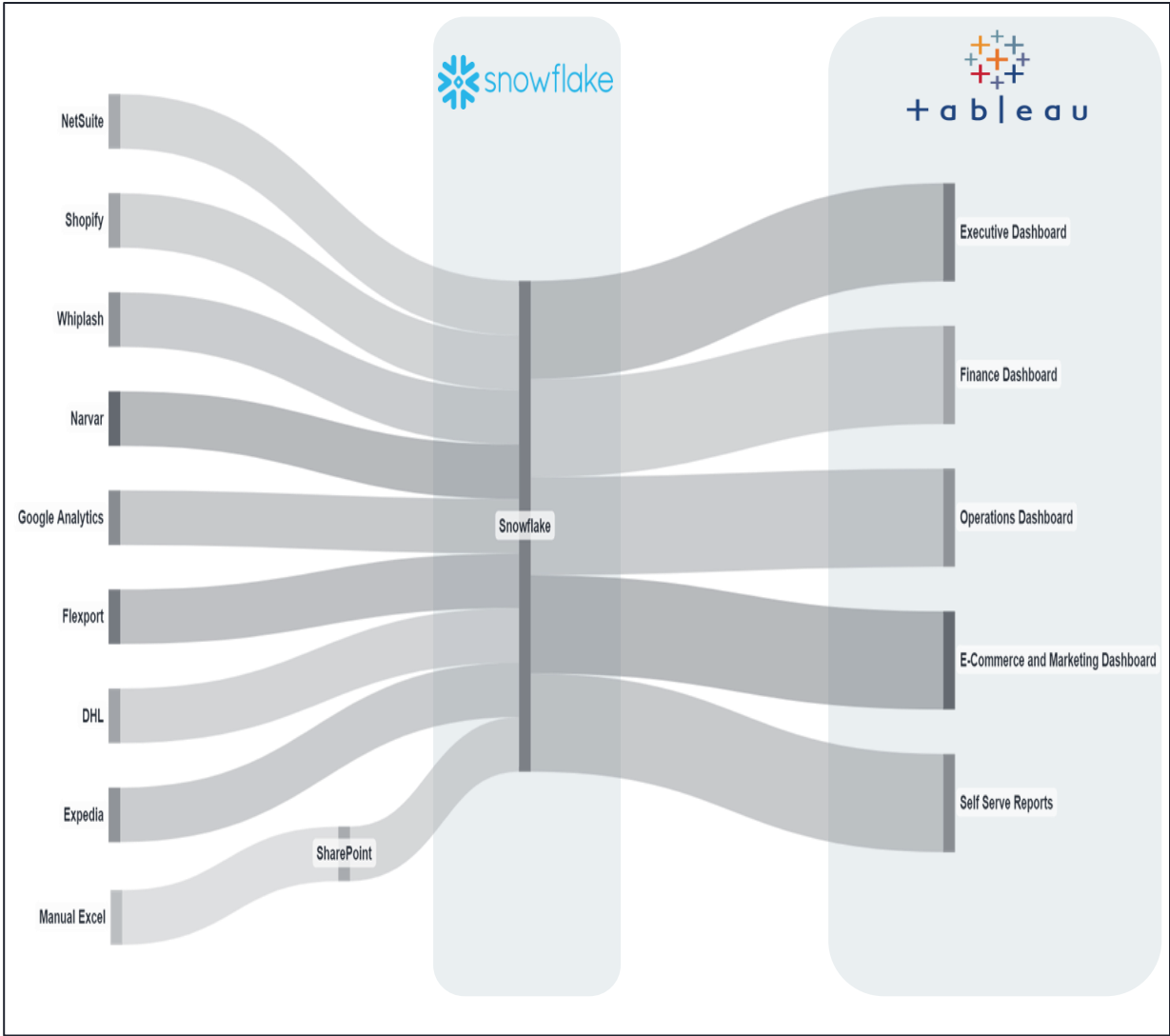
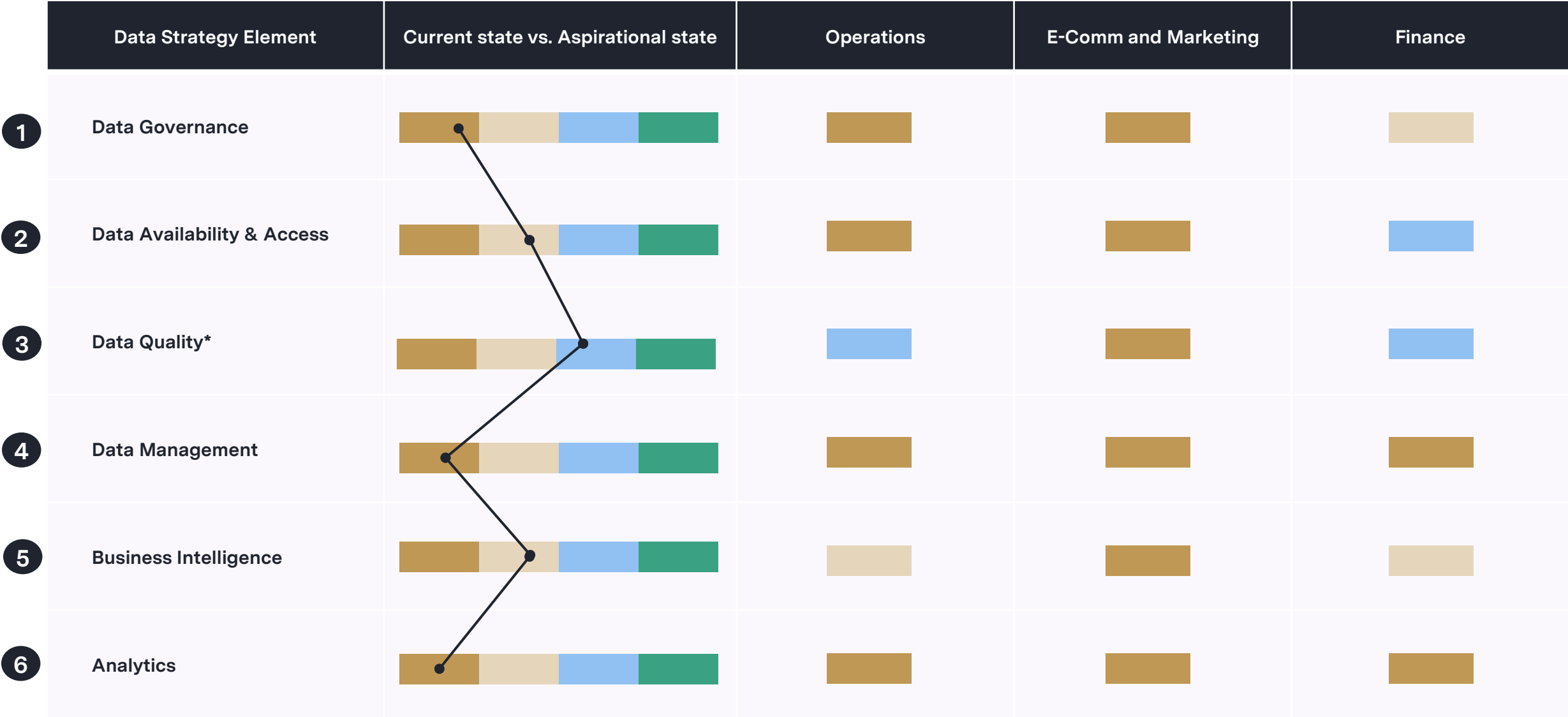# Current state vs. Future state - Data architecture

Current State

Future State

Summary of KPI metrics matrix

Functions		Current State KPIs					Future State KPIs
		Currently Reported KPIs		Not Reported KPIs			Reported KPIs
		Data available and automated	Data available and manual	Data available and automated	Data available and manual	Data unavailable	Data available and automated
Finance		0	32	0	20	0	52
Operations	Inventory	4	7	0	7	0	18
	Transportation	0	10	0	4	2	14
	Customer Service	0	12	0	4	2	16
E-Commerce & Marketing		5	3	1	14	1	23
Total		9	64	1	49	5	123

Scorecard provided based on all round data assessment

Data Strategy Element	Current state vs. Aspirational state	Operations	E-Comm and Marketing	Finance
1 Data Governance		Wide	Wide	Medium
2 Data Availability & Access		Wide	Wide	Low
3 Data Quality*		Low	Wide	Low
4 Data Management		Wide	Wide	Wide
5 Business Intelligence		Medium	Wide	Medium
6 Analytics		Wide	Wide	Wide

Gap between current state and aspirational state

Wide	Medium	Low	None

* Data Quality is evaluated based on front-end reports/extracts

ACCORDION

Dashboards design upgrade / new metrics