



## Business Challenges and Objectives

- The customer data was stored in multiple internal and external sources, making it difficult to derive insights from unstructured data.
- The business users do not get the information on vendor payments because of the scattered data across multiple systems.
- They required a Supply Chain View with information on Vendor Payments and the actual Financial Spending based on the probable amount spent with the standard material cost as consideration.
- They also required information on the price variance between the price paid to the vendor and standard material costs.
- The report must also include the last price paid for the material based on the goods and receipt date.

## Client

- The client is a global leader in semiconductor fabrication support with manufacturing facilities in multiple countries across the globe. The products they develop include critical subsystems, components, and parts. They also provide improved design-to-delivery times for major subassemblies, advanced flow control, and high-precision manufacturing.

## Industry

- Manufacturing

## Function

- Supply Chain & Logistics

## Technology

- S/4 HANA, AWS



## **The Solution**

- The TekLink Team built a data lake by including multiple internal and external data sources on a single data platform for better visibility.
- The data was hosted on a simple Semantic Layer for data analytics and generating valuable business insights.
- The data lake allows seamless storage and integration of structured and unstructured data.
- TekLink's solution includes a PowerBI Dashboard with the data drawn from Snowflake.
- The dashboard enables visualization such as heat maps, charts, and tables with the best suppliers, customers, and materials.



## **Outcomes and Benefits**

- The solution enables a Single Source of Truth (Data), enabling the business to derive insights to make better decisions.
- The data visualizations simplify complex and scattered data sets, providing the users with a bird's eye view of the performance and serving as a first-level diagnostic tool.
- The dashboard helps the stakeholders like SCM Organization Managers, Procurement Support Managers, Quality Officers, and many others develop quick insights, thus resulting in significant savings of time and effort