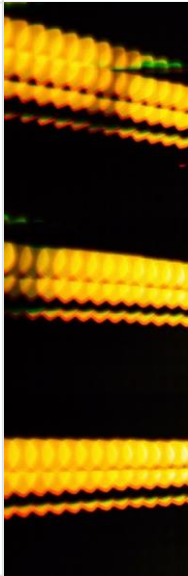
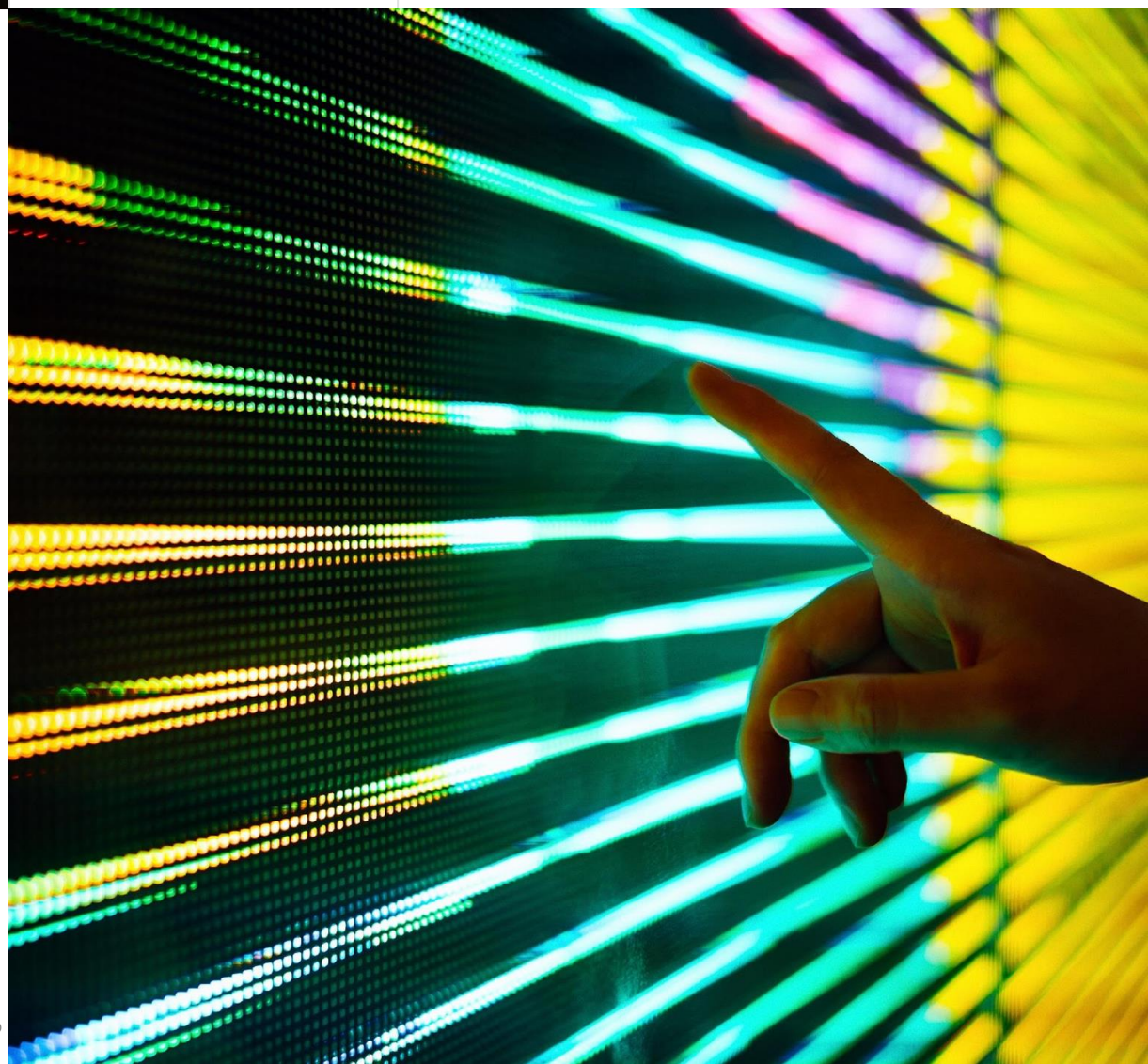


Tiger Analytics empowered a silicon component Manufacturer to build an Enterprise Analytics Platform to boost reporting efficiency



Tiger Analytics built a centralized Enterprise Analytics Platform to offer superior dashboard performance and drive efficient report creation and delivery. The solution helped the client derive value and insights using their available data. Users were able to save 2-4 hours per week, with 41+ reports and dashboards created across 10+ domains.



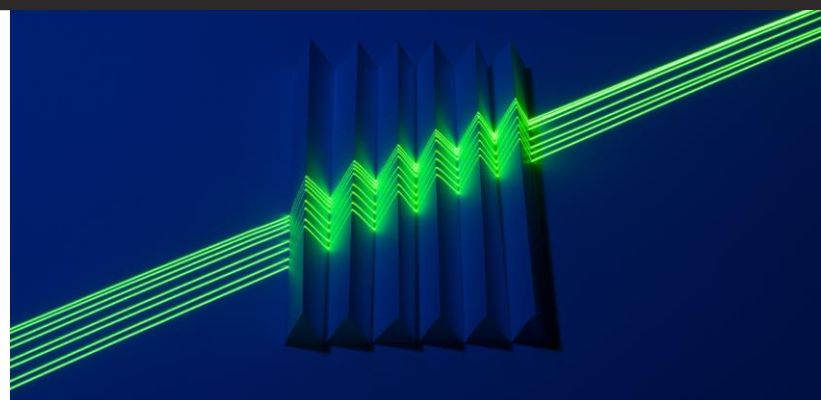
The Background

Our client is a leading US-based developer and manufacturer of Customized Silicon Components. They cater to machined components in industries like semiconductors, aerospace, automotive, etc. The client wants to create a centralized Enterprise Data Platform with an effective dashboard/report mechanism to support various business functions.

Key Challenges

- \ **Redundancy of data:** The data was stored across multiple silos with multiple versions of truth and zero enterprise data definitions.
- \ **Delays caused by manual efforts:** Most management reporting is managed manually using Excel and emails. Hence, a lot of time was spent on data preparation before analysis.
- \ **Lack of data consistency:** Multiple tools and systems were used, which led to data inconsistencies.
- \ **Lack of data standardization:** There was no enterprise-wide data governance, which resulted in a lack of standardized processes and protocols.
- \ **Too many data definitions:** Multiple data definitions existed across the client's ecosystem, further hampering data management.

Drive change with
end-to-end solutions

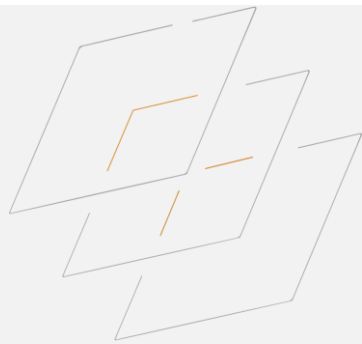


Our Solution

Tiger Analytics first conducted a **Data and Analytics Environment Assessment** to gauge the current state and chart the future direction. This assessment was crucial in spotlighting the client's challenges and distinct needs, especially its Data and Analytics capabilities.

Building on these findings, a **Centralized Enterprise Analytics Platform** was instituted, amalgamating data sources and launching interactive dashboards and reports that helped extract meaningful insights.

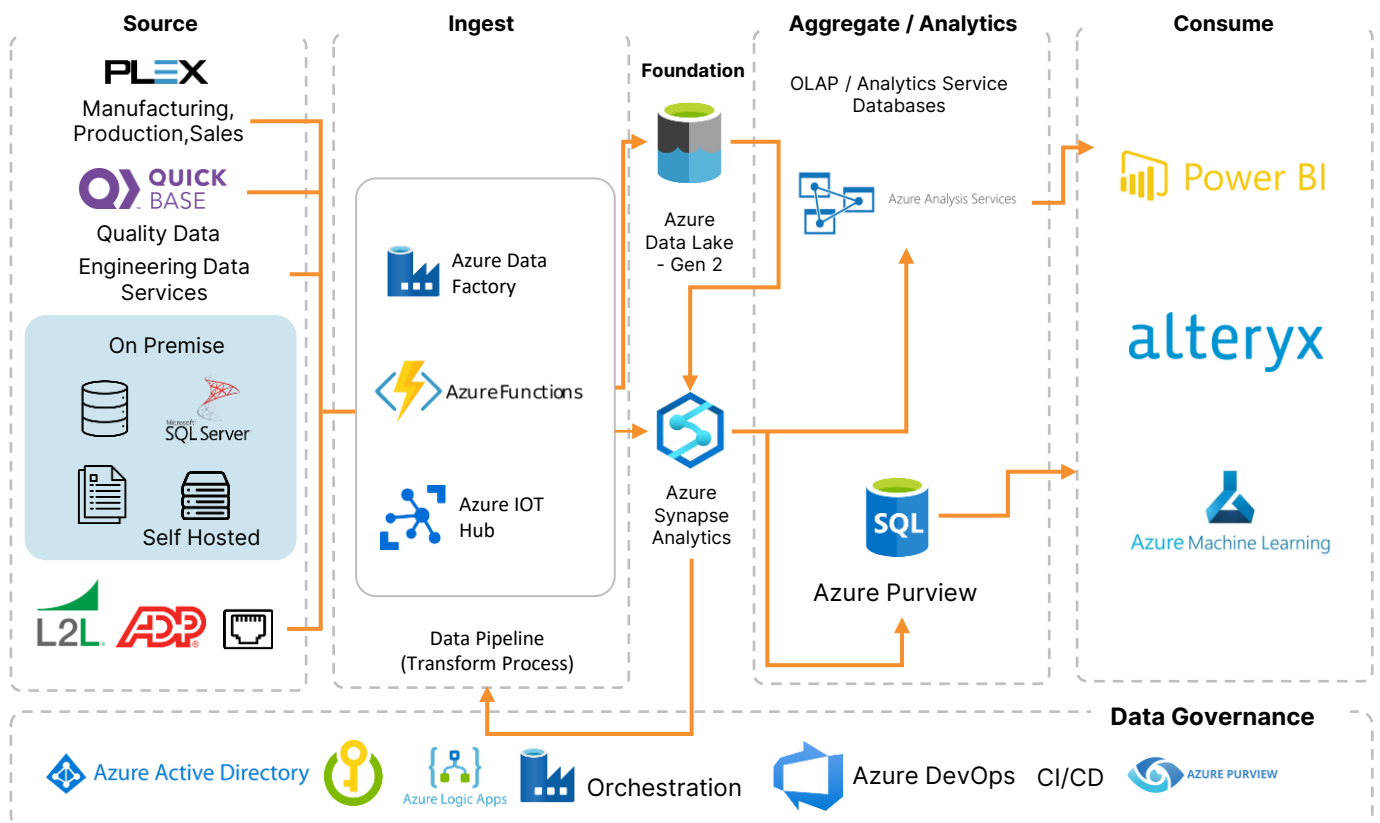
Concurrently, the team also emphasized **Standardizing Business Functions** through data governance. By embracing these practices, the team aimed to bring uniformity and enhance data management across all the client's business operations.



Tech Stack

/ Azure / Power BI

/ Alteryx



Value Delivered

- / Manufacturing efficiency was vastly improved with detailed insights into quality and production issues.
- / The data governance program led to better data quality, reduced data management costs, and helped process large volumes of data.
- / Users saved 2-4 hours per week per person and could conduct their analysis with self-service reports and dashboards that leveraged the AAS tabular model.
- / Over 41 reports and dashboards were built across 10+ domains for 130+ end users and 20 self-service users.
- / Power BI dashboards were developed by reconciling user surveys, visualizing metrics and KPIs, and standardizing report templates.

About Us

Tiger Analytics is a global leader in AI and Analytics, helping Fortune 500 companies solve their toughest challenges. With over 4000 data technologists and consultants spread across offices in the US, Canada, UK, India, Singapore, and Australia, we help our customers accelerate their AI and Analytics journey in sectors like CPG, Retail, Insurance, BFS, Manufacturing, Life Sciences, and Healthcare. Tiger Analytics is a Great Place to Work Certified and a 'Leader' in the Forrester Wave: Customer Analytics Services Report 2023.

Visit <https://tigeranalytics.com>. to see how Tiger Analytics provides certainty for a better tomorrow.