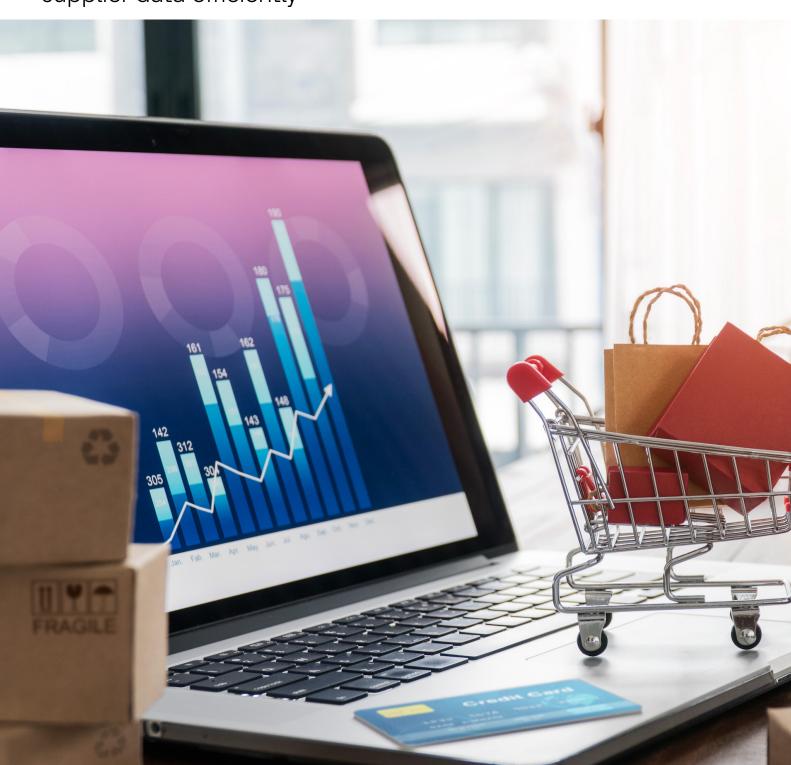# Reducing time-to-insight by automating supplier data analytics

Leveraging Alteryx to consolidate and analyze supplier data efficiently

The client wanted to **enable effective analytics and derive valuable insights from the supplier data** for multiple business teams within an organization. HCLTech leveraged Alteryx to streamline workflows, provide self-service analytics, and establish best practices for designing, delivering, and managing Alteryx workflows. This led to increased productivity, streamlined operations, and improved efficiency for the organization.

The Objective:
Enabling efficient analysis of supplier data for business insights

To provide access to reliable supplier data for multiple business teams, including revenue growth management, financial business services, accounting, and business intelligence. The aim was to enable effective analytics and derive valuable business insights from the consolidated data.

The Challenge:
Overcoming time consuming and isolated data analytics processes

Individual users were spending up to 4 hours each day performing analytics on supplier data in locally isolated silos. This approach was time-consuming, inefficient, and hindered collaboration and the ability to gain comprehensive insights from the data. The need to consolidate and streamline the process of accessing and analyzing supplier data was essential to enhance productivity and derive meaningful insights for informed decision-making.

The Solution:
Leveraging Alteryx for streamlined workflows and enhanced analytics

HCLTech proposed a solution to address the need for consolidating supplier data and making it easily accessible to analysts. To achieve this, a team consisting of 2 HCLTech Alteryx engineers and 1 Altery SME (Subject Matter Expert) collaborated. They developed best practice frameworks that considered governance, support, compliance, and scalability requirements. The team also implemented a process for design reviews and deployed a "Walled Garden" model to ensure secure deployment.

To enable self-service analytics, the HCLTech team utilized sample templates provided by the SMEs. They delivered best practices for designing, delivering, and managing Alteryx workflows, which were then published on the Alteryx server. Additionally, the team assisted in establishing an Alteryx Center of Excellence (COE) tailored to the specific needs of the customer.

Throughout this project, the team also focused on developing and communicating new processes for software licensing, packaging, and server administration. Training sessions were conducted to ensure that stakeholders were familiar with these processes, enabling smooth adoption and utilization of the Alteryx platform.

The Impact:
Time savings, comprehensive workflows, and improved decision-making

By scheduling workflows on the server and delivering status notifications via email, analysts saved 2-3 hours daily. Additionally, 88 prioritized workflows with compliance, governance, and security features were documented and published on the server across multiple departments. The solution also **reduced run time by 90%, decreasing individual user time from 4 hours to just 15 minutes per day**. Overall, these improvements led to increased productivity, streamlined operations, and enhanced decision-making capabilities for the organization.

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