The Convergence of Analytics, Data Science and Process Automation

Public Sector operations are driven by many processes that require immense levels of manual handling, processing, and analysis of information. This manual intervention is inefficient and causes delays in the discovery of actionable insights that can uncover risks, improve the delivery of critical services, and optimize operations.

The need to accelerate the democratization of data and analytics, optimize and automate business processes, and enable fast upskilling of people in one unified approach has driven the emergence of a new category of software called Analytic Process Automation (APA).

An Analytic Process Automation platform converges these three key pillars of digital transformation to enable the democratization of data and analytics, the automation of business processes, and the upskilling of people to accelerate business outcomes.

With the Alteryx APA Platform you can automate processes, enhance analysis, embed intelligent decisioning, and empower your analysts and data scientists to deliver actionable insights that can reduce supply chain risks, improve transparency, automate eligibility determination, improve service delivery, enhance safety and security, reduce fraud, waste and abuse, and power through disruption to deliver better outcomes for stakeholders and constituents.

PROVEN ORGANIZATIONAL IMPACTS OF APA:

1. Faster analytic and data science outcomes for actionable business decisions
2. Fully-optimized and automated intelligent business processes
3. An engaged workforce that experiences fast, self-service upskilling to drive greater outcomes
4. Capital-efficient digital transformation
5. Measurable ROI across four areas: Revenue and cost optimization, improved service delivery, efficiency gains, and rapid workforce upskilling
Discover + Collaborate + Automate with Alteryx

Alteryx is a pioneer in Analytic Process Automation. The Alteryx Analytics Process Automation (APA) Platform provides organizations a unified, human-centered platform experience that automates access to data, analytics, data science, and process automation all in one. This is enabled via hundreds of ready-to-use “automation building blocks” in the Platform. The Alteryx APA Platform automates the discovery of data assets, automates all analytics and data science, and automates sharing of insight to stakeholders, enterprise applications, bots, and more to enable faster speed to insight and accelerated outcomes.

**About Alteryx**

As a global leader in analytic process automation (APA), Alteryx unifies analytics, data science and business process automation in one, end-to-end platform to accelerate digital transformation. Organizations of all sizes, all over the world, rely on the Alteryx Analytic Process Automation Platform to deliver high-impact business outcomes and the rapid upskilling of their modern workforce.

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Alteryx is a unified analytics platform that provides data analytics, data science, and process automation capabilities across the entire digital transformation capability continuum and brings together business users, citizen analysts, and information consumers to accelerate organization-wide outcomes.

"We don’t have the time to sit here and do real, robust ETL work. Alteryx is great at connecting to all these different sources and getting the data ready. Alteryx has been an incredibly easy and helpful resource to expedite the preparation of all the data that is feeding our visualizations and dashboards.”

— Jeff Brown, SVP, AVAAP, Government Analytics at Front-line of the COVID-19 Response

**What Makes Alteryx Different**

The speed to actionable insight is critical to accelerating outcomes in the public sector. The speed and dexterity of the Platform enables organizations to process any kind of data, big, little, structured, unstructured, data in the cloud, on the ground, and we give organizations access to it in a frictionless manner.

We believe we are changing the conversation around analytics as customers are looking for partners that can support their analytic journeys from beginning to end, and from simple to sophisticated. Alteryx provides the only platform in the market that simultaneously addresses the needs of the data analyst, data scientist, and citizen data scientist, and enables seamless collaboration across data workers.

Alteryx continually receives validation from a number of industry analysts and third parties, including Gartner. In February 2020, we were listed as a Leader in the Gartner Magic Quadrant for Data Science and Machine Learning Platforms. In particular, Alteryx was recognized for our product vision, especially in relation to augmented data science and machine learning, and process automation. The Alteryx platform is just as easy to use for newcomers to data science as it is for data scientists.