

# Yes, It's Possible: Infrastructure at the Push of a Button

*Infrastructure automation can save you months of engineering time on important projects.*

## **You know it's time to make a change.**

You want to modernize your organization's technology infrastructure and update its data analytics process.

But maybe you're facing time or resource restraints. Or maybe you aren't 100% sure where or how to best begin with a digital transformation. It can feel like a tall task, especially because most standard large-scale, secure digital migration and application development projects can take months or years and require a lot of resources.

Good news: it doesn't have to be that way. In fact, you can now deploy infrastructure and modernize data and analytics much, much faster.

How fast? An hour or two.

**Accelerating  
Time To Value**

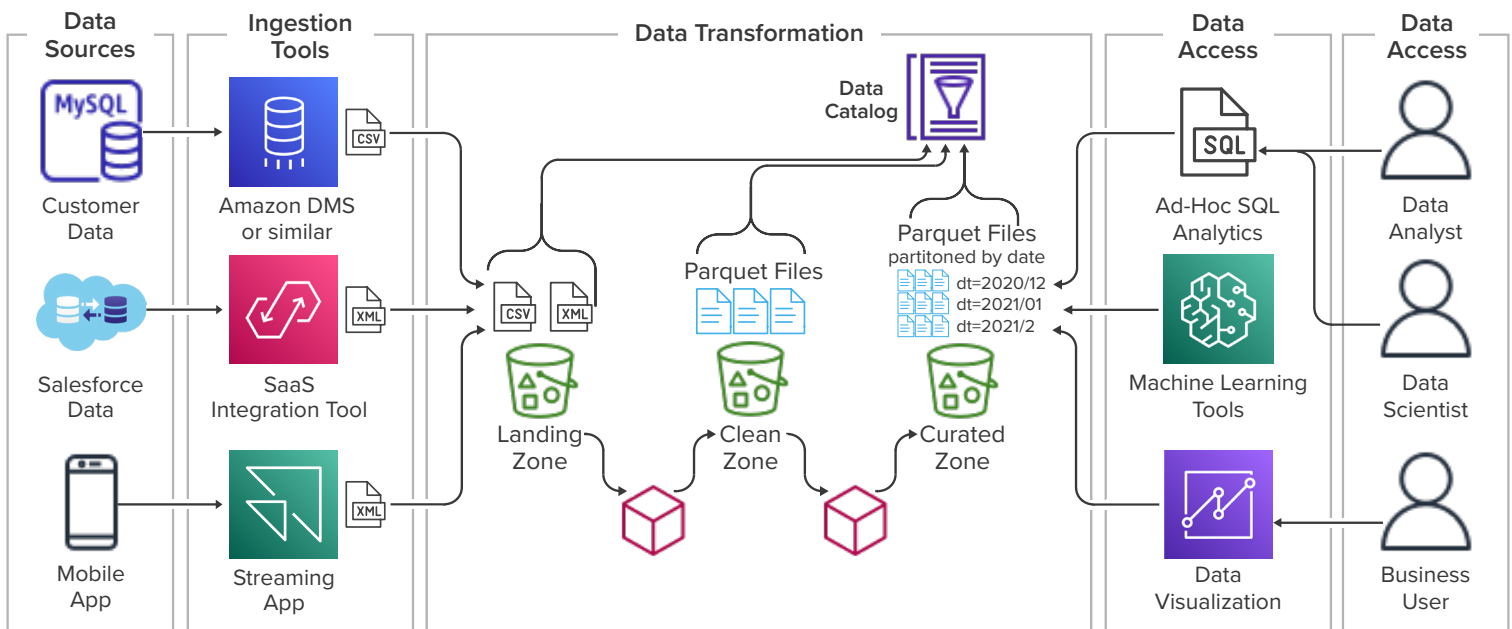


## Accelerated Deployment Saves Months of Development

This new approach to scalable cloud, data and SaaS projects are all designed to add value to your business as quickly as possible.

Accelerated deployments leverage infrastructure as code and includes all the setup and configuration. From there, you can duplicate the deployment with any number of tweaks unique to your organization — names, sizes, streams, data sources, etc.

This saves months of development time, reduces configuration errors and ensures adherence to current best practices as dictated by the cloud providers themselves through their well-architected frameworks.



Eagar, Gareth. Data Engineering with AWS. 2021.

## “Best Practice” Data Platform

It also allows additional flexibility to specify what resources and properties are needed at the outset, giving your teams and organization the ability to allocate other resources to high-value activities.

And this expedited process can be accomplished because a trusted technology partner has years of experience with so many different types of applications.

## Cloud Deployment Accelerates Your Transformation In an Hour!

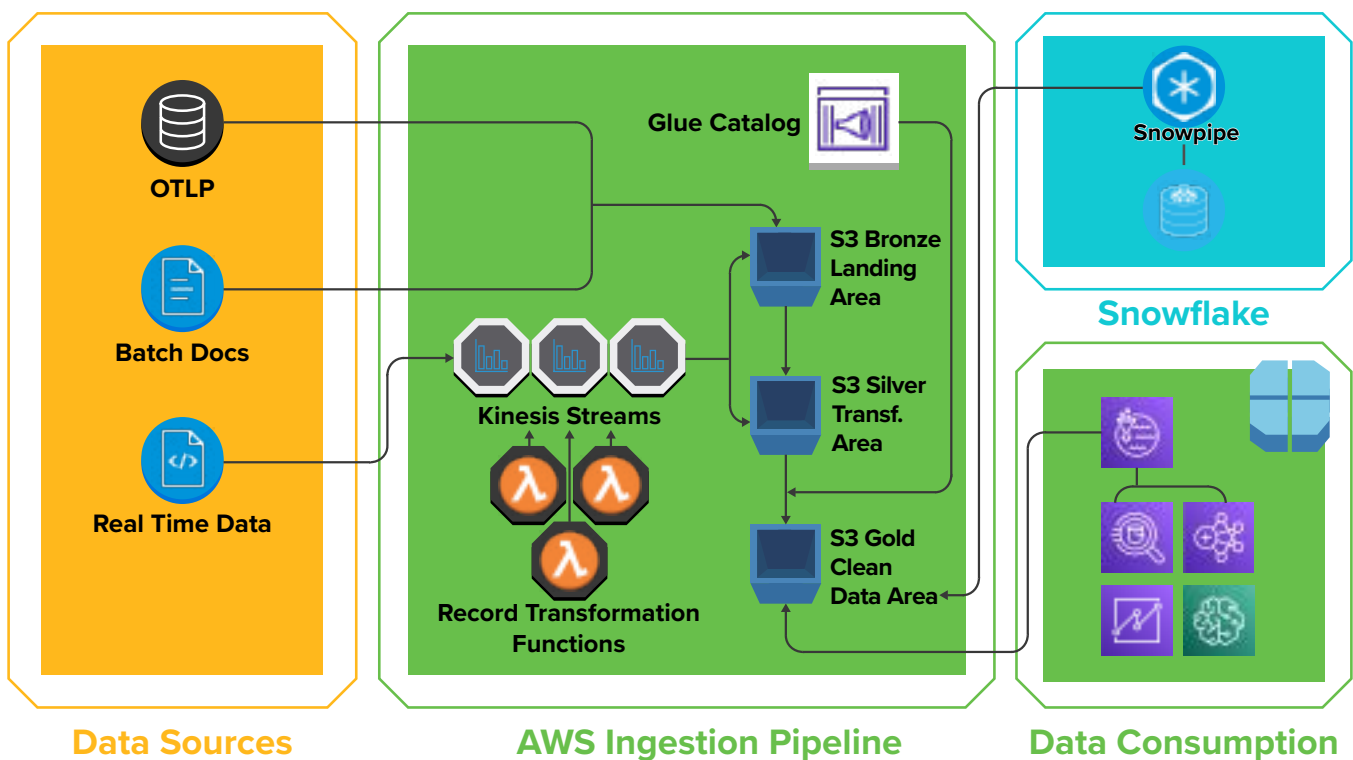
For a variety of reasons, building infrastructure required for cloud applications typically takes considerable time. It can involve at least 6-9 months of standard development — and even more if teams backtrack to address default configuration errors.

As obstacles like this arise, an accelerated automation strategy like our **GAPBuilt Accelerators** become the perfect fit. A proprietary method built from our team’s decades worth of experience, this is GAP’s “secret sauce” that helps us fast-track your modernization efforts and speed up your time to value.

Terraform powers these specially designed frameworks, simplifying development with reusable components of architecture. This minimizes common pain points and migration concerns, which allows you to mobilize faster than ever.

Infrastructure is deployed in scenarios such as a highly scalable web app, data ingestion system or a modern data analytics platform. Using either AWS or Azure, the infrastructure can be deployed, stitched together, and up and running with your customized settings in an hour!

### GAP’s Implementation Point of View



## Single Command Scalability for Your Specific Situation

In addition to deploying the infrastructure in a fraction of the time compared to standard development, one of the key benefits of this type of automation is its scalability.

While a primary scenario can be deployed with a single command, the code can be applied to a specific situation. This eliminates the need to define the infrastructure in a single instance. Instead, you can divide multiple configurations into individual solutions for easy customization. These can then be reused as needed and connected to a primary source that contains all standard settings.

This facilitates a thorough, scalable process. Its purpose is to automate what can be automated from an infrastructure standpoint, and helps speed up your time to value in instances such as:



### Modern Data Analytics Platforms

Expedited development of a new automated data analytics platform to ingest data from multiple sources and filter them into a live dashboard in as little as one hour. This satisfies the data needs for analysts, data scientists and business users.



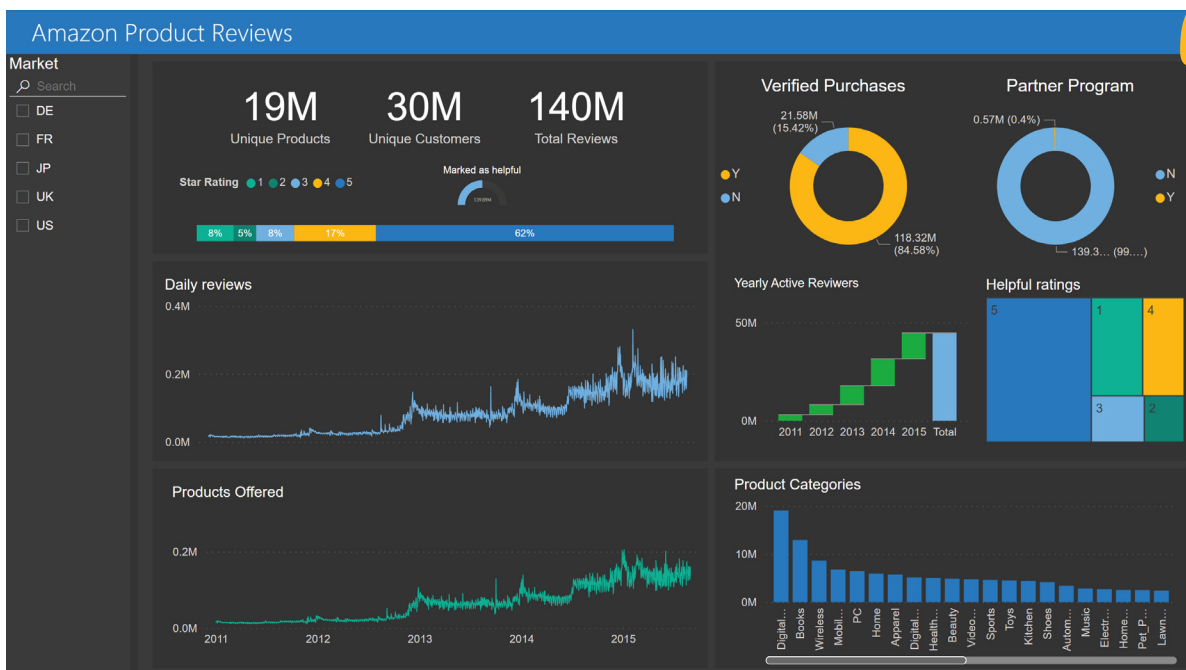
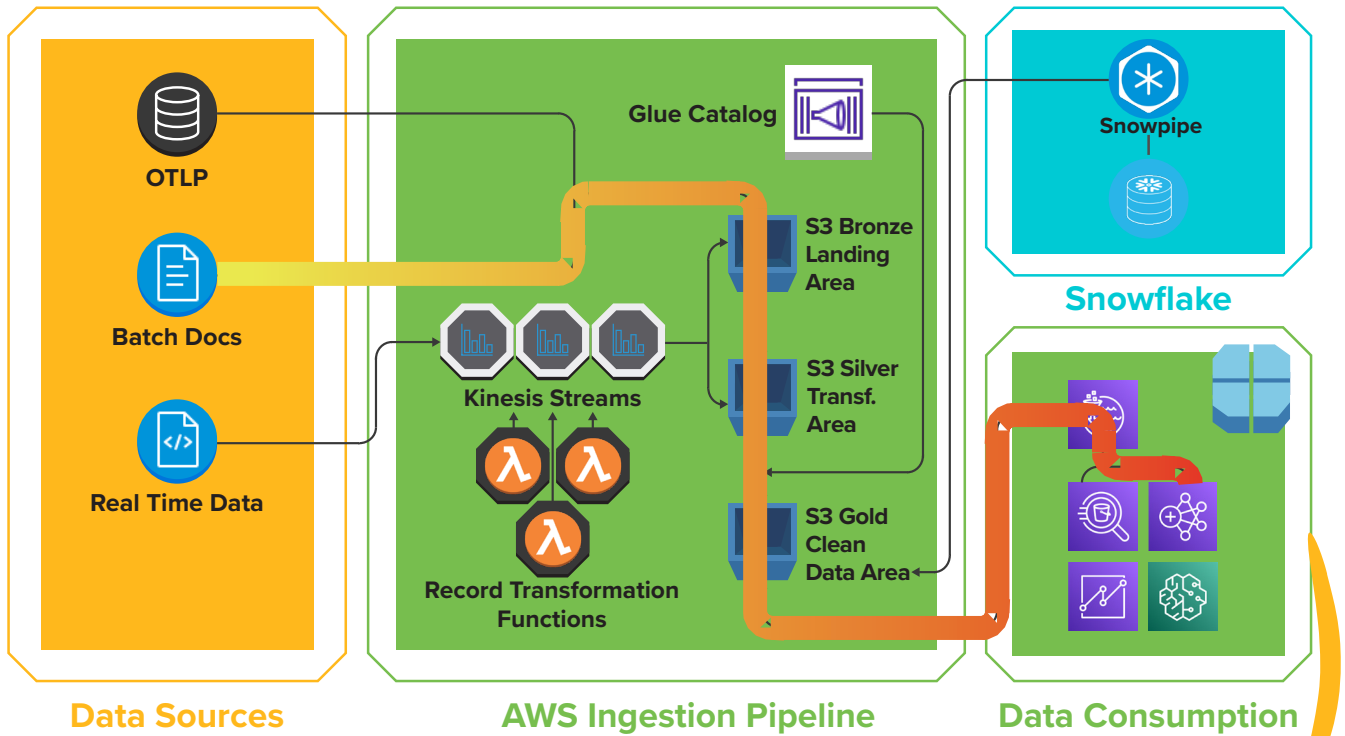
### Modern Web Applications

This simplifies app development by utilizing stored configuration settings with rapid deployment and allows for the flexibility to input the parameters specifically for what you need.



## One Example of GAP Accelerators In Action

Amazon.com has a public dataset of more than 140 million reviews. We loaded those docs into the landing area of the AWS Ingestion Pipeline. Because we wanted to show a dashboard using AWS Athena to write sequence statements against files, our data scientist made a connection to a digestible Power BI dashboard. And all this only took a few hours!



## Key Partnerships Help Us Play to Win

Deciding the best route to take for a large digital project can sometimes feel like a gamble. And it's one that's important to get right. However, GAP has the experience and expertise to be confident about which platforms are the best bet — both today and in the future — to boost your odds.

That's one of the reasons why we've partnered with **Snowflake** to help get your data working for you. With Snowflake's muscle as a world leader in cloud computing and GAP's experience in digital transformation, our accelerated infrastructure puts your modernization projects in the fast lane and speeds up your time to value.

Because both GAP and Snowflake are cloud platform agnostic — AWS or Microsoft Azure— this partnership also ensures the most optimal plan for your organization.



## How to Approach Deployment

Do you have the internal resources to quickly build and deploy templates like these? That's great! If not, there are outside resources, like GAP, who have years of experience touching so many different applications that make us well-positioned to accelerate the process for you.

Our accelerated frameworks can drastically help organizations like yours get the results they want much faster and with a much better ROI.

Download our brochure to learn more about GAP's other Transformation Advisory Services.



While GAP has the experience and bandwidth of a larger company, we operate as a boutique consultancy that cares deeply about your success. We provide the most comprehensive consultative program there is and design the roadmap to transform your business.

**Think you might be ready for a digital transformation or need help leveraging the data within your existing infrastructure?**

Take a look at your current technology. And if you need a hand, we're here to help.

Find us at [WeAreGAP.com](https://www.WeAreGAP.com).



## About the Author

**Dave Moore – Chief Innovation Officer,**  
Leader of GAP Transformation Advisory Services

Dave is a software developer and architect focused on highly-scalable cloud-based applications. Dave had led large engineering teams for over two decades and produced software used by millions of people. Before joining GAP, Dave worked as a consultant with IBM, where his focus was helping customers in multiple industries with public cloud (AWS, Azure, GCP), modern software architectures (containers, microservices, serverless), big data and analytics (Snowflake, Redshift, Synapse), and creating a DevSecOps culture. At GAP, his focus is on helping customers modernize their systems for a competitive advantage.

Visit this page to learn more about our **GAPBuilt Accelerators**, or reach Dave at [dmoore@growthacceleratedpartners.com](mailto:dmoore@growthacceleratedpartners.com).



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