

Infosys Analytics Workbench on AWS

Enabling data scientists to reduce time spent on data acquisitions and preparation and increase their impact with self-service analytics



Infosys

aws  competency

Infosys Ltd is an AWS Partner Network (APN) Premier Consulting Partner and AWS Data & Analytics Competency holder.

Industry trends & challenges

Across the globe, many organizations building data lakes are struggling to unlock value in data. For some of these organizations, a “data first” approach to their data lakes does not work as planned for numerous reasons, including: limited usability when dealing with unfamiliar data, access barriers, ineffective tools to get value from data or enable self-service, skill gaps that may or may not require a data scientist, limited performance or excessive time when running analytical models against Apache Hadoop, and limited productivity due to data scientists spending the majority of their time hunting for data.

Organizations dealing with islands of data and heterogeneous technology landscapes need products that go beyond specializing in discovery, blending, or modeling to integrate these capabilities with model management and consumption.

The Infosys solution

Infosys Analytics Workbench (Infosys AWB) provides best-in-class capabilities for data discovery, wrangling, analytical modeling, model management, visualization, and self-service model consumption to deliver end-to-end self-service capabilities for data scientists and analysts alike. With Infosys AWB, organizations can overcome the barriers that lead to an inefficient analytics lifecycle by leveraging a platform for self-service analytics.

Benefits

Reverse the equation to spend as little as 20% on data acquisition and up to 80% on pure analytical modeling and insights



Reduce Time to Insight and Action

Cut experimentation time by up to 10x and time to market by up to 40%



Streamline Development

Pre-built integration reduces development efforts by 30+%



Improve Model Accuracy

Leverage larger training data sets for up to 20x higher model accuracy



Simplify Integration with Existing Investments

Visualization and charting capabilities make it easier to communicate insights

Solution Space

Discover scalable and secure solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) Partners that have attained AWS Competency designations. Customer ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, can be deployed quickly with solution accelerators like AWS Quick Starts, and feature optional consulting offerings provided by APN Partners, to accelerate your cloud transformation.

[Click here to get started with this Solution Space offering](#)

Solution overview



Key features

- Smart data catalog for self-service data discovery
- Best-in-class data wrangling capability around structured and semi-structured data across multiple sources, enabling data scientists to do more across their data landscape
- Analytics Marketplace for data scientists to publish models and business users to consume models in a self-service manner
- Support for popular analytical engines as well as scalable model execution to address emerging needs



Infosys on AWS

As an APN Premier Consulting and Managed Services Partner with AWS, Infosys brings together AWS capabilities needed to optimize and drive customers' business and IT priorities with cloud competencies. Infosys AWB empowers data scientists and analysts with self-service analytical platforms to create and modify models for diagnostic and predictive analytics. Users can leverage pre-built analytical models, model combination workflows, and plug in and refresh mechanisms. After models are created, they can be published with user-friendly self-service interfaces for easy business user adoption.

How it works

Infosys AWB provides broader and deeper capabilities at each phase of the data science lifecycle, from discovery to management and optimization. The solution empowers self-service analytics and data discovery by integrating multiple data sources. This allows users to delve into structured, semi-structured, and unstructured data to visualize and generate actionable insights into all types of data. The solution also extends self-service capabilities to data science model building and model consumption, with a flexible framework for publishing models. This allows both data scientists and business users to improve their analytics accuracy, range of insight, and time to action.

Getting started

Interested customers can reach out to the Infosys customer team and AWS by choosing the links below.

[Contact AWS and Infosys](#)

[Infosys offering on Solution Space](#)



About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 100 services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 49 Availability Zones (AZs) across 18 geographic regions in the United States, Canada, Europe, Asia, Australia and South America. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit <http://aws.amazon.com>.

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