FinTech Data & Analytics Assessment

Summary

To make the most of their data, FinTechs require the ability to manage data sets from source to consumption while ensuring access, governance, and security meet regulatory requirements. Commit's FinTech Data and Analytics Assessment provides clients with architectural guidance and best practices tailored to FinTech compliance and regulatory needs through AWS data services.

Highlights

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Solution and design a data platform on AWS to meet your FinTech's requirements for data governance and compliance.

★★
Path to production not just a roadmap but a defined solution and implementation plan.

★★★
Work with an AWS Premier Tier partner with a proven and validated competency in Data & Analytics.

Overview

To stay competitive, FinTechs must continuously innovate in their use of data to provide tailored services. Operating a data platform presents challenges including managing and cataloging data sets, managing data use cases and lifecycles, and complex data consumer requirements.

Commit's complimentary FinTech Data & Analytics Assessment is delivered in a workshop format where we jointly define use cases and then design a high-level data architecture and workflows to meet those use case requirements. Commit shares best practices and designs reference architectures that demonstrate how AWS services can be utilized to operate a modern data platform for FinTechs for both current and future needs. In addition to core data services such as S3, Redshift, Glue, DMS, and Athena, utilization of AWS services like Kinesis, Lake Formation, and DataZone are examined for their FinTech specific applications.

Various use cases include, but are not limited to:

Data Lake and Warehouse for uses like improving forecasts and understanding customer behavior.

Smart contracts for uses like supply chain management or payment processing.

Streaming data and analytics for uses like transaction processing or real-time analytics of financial data.

AI/ML guidance for uses like risk detection, fraud, creditworthiness, anti-money-laundering (AML), Know Your Customer (KYC) and Know Your Business (KYB) analysis, and more.

Data Pipelines with Regtech capabilities.

Data Operations within frameworks as PCI DSS, ISO27001, GDPR, and SOC2.

Deliverables

The intent of this engagement is to provide prescriptive architectural guidance, share successful operational patterns, and remove technical roadblocks. Customers leave the engagement with:

- High-level architectural recommendations for operating an AWS Data Platform for FinTech platforms and applications.
- Prescriptive guidance for managing data sets and lifecycles, organizing and cataloging data sets, and implementing appropriate data access controls.
- A path to production, including level of effort, implementation plan, and AWS consumption forecasts.

Assessment Phases

Discovery

- Commit's Data Architects and Engineers review the use case, jointly define technical requirements, and set scope for the solution

Design

- Commit presents reference architectures and collaborates with you to design a FinTech data platform tailored to your requirements
- Commit presents FinTech data operational practices and collaborates with you to define operational requirements

  - Data lifecycle management and use policies
  - Data access methods and controls
  - Data workflows and pipelines
  - Governance and Compliance Controls

Deliver

- Proposed high-level architecture
- Implementation plan including level of effort estimate
- Cost forecast for implementation and operation