Modern Data Architecture Assessment

Make valuable, data-driven business decisions with self-service analytics and an integrated data environment

As data volume, variety and sources quickly increase, businesses are struggling to manage data and generate meaningful analyses. These companies risk falling behind competitors who are able to derive actionable intelligence to make valuable decisions.

However, streamlining and modernizing your data architecture is not easy. It requires time-consuming strategic planning, design and tool expertise. A Modern Data Architecture Assessment from Rackspace can help you transform how you collect, process and store data, while helping to ensure proper system integration and allowing your organization to make data-driven decisions.

Experts Dedicated to Your Success

The data specialists at Rackspace have the experience and knowledge to help you re-envision your data architecture, whether you need to transform legacy database applications to modern datastores or need help making sure your data is managed optimally and securely in your cloud environment.

A cloud-agnostic team assesses your current systems, identifies your business objectives and designs your ideal future-state reference data architecture. Relying on its depth and breadth of data analytics and tooling expertise, Rackspace generates a roadmap that accounts for future data management, analytics and AI/machine learning workloads.

Key Features

Data Platform Assessment

Rackspace data architecture experts will conduct an on-site workshop to assess your current data platforms, systems and technology and meet with your key stakeholders to fully understand current needs and future objectives — both from a business and technical standpoint. This data analytics platform review includes, but is not limited to:

- Understanding of key analytics, big data and BI use cases
- Enterprise data warehouse and data lakes
- Data ingestion, integration, processing, visualization and self-service analytics
- Advanced analytics and AI/ML services
- Data governance and security, master data management, data catalog and data lineage
- Data and application integration characteristics covering consumption patterns, performance and latency, application touch points and end-user interactions
- Operational and business continuity requirements around SLA, scaling, data tiering, high availability, backups and disaster recovery
- Cloud platform data analytics stack comparison; a technical deep-dive into service and tooling comparisons between AWS, Azure® and Google Cloud Platform™

About Rackspace

Rackspace is your trusted partner across cloud, applications, security, data and infrastructure.

- A leader in the 2019 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 3,000+ cloud experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 150+ countries

Fanatical Experience™

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

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Modern Data Platform Design

Using the analysis gathered in the current state assessment report, Rackspace will provide a Modern Data Platform Executive Report defining a future-state modern reference architecture on the appropriate public cloud platform along with a recommended roadmap for execution. Rackspace will work with your stakeholders to:

- Identify use cases, business objectives and existing data analytics pain points
- Review high-level solution designs and practical considerations across cloud platforms
- Assess operational, data governance and security requirements
- Design sessions around future-state architecture providing recommendations around data ingestion, data integration, transformation, data warehouse, data lake, data governance, master data management, single-source-of-truth consolidated data systems, BI, self-serve analytics, IoT, machine learning and AI, platform layer security, operations and management
- Review recommendations and conceptual architecture with multi-function stakeholders and incorporate their feedback in order to provide a well-rounded data solution with business function buy-in
- Create a final modern data platform reference architecture with recommendations and best practices

Key Deliverables

Rackspace can tailor your Modern Data Architecture Assessment with the following options:

Assessment Report: Following the analysis from our team of data specialists, Rackspace will provide an assessment and a high-level architectural view of your current platform.

Modern Data Architecture Executive Report: Using your specific future-state data requirements and business objectives, Rackspace will provide a modern data reference architecture and recommendations on your cloud platform(s). You will also receive a prioritized roadmap and our recommended strategic initiatives to guide your data modernization journey.

Proof of Concept Proposal: For organizations wanting to quickly take that next step to gain an understanding of the capabilities on these new platforms, Rackspace will also provide a proof of concept proposal for quick-win projects.

Key Benefits

Become a data-driven organization: Spend less time managing and tracking data and more time deriving actionable intelligence to make valuable business decisions. Companies that lack data discipline and insights are losing out on innovation.

Reduce time and costs: Accelerate development time from months to weeks, drive down delivery costs and generate significant ROI thru revenue generation, implementation savings and operating efficiencies.

Break down internal silos: Streamline your data architecture to enable easier access across your organization and encourage transparent, accurate and faster collaboration.

Take the Next Step

Let's talk about how Rackspace can help you re-envision your data architecture.

Learn more: **www.rackspace.com/professional-services/data**
Call: **1-800-961-2888**

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