Datacoral on AWS

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Datacoral Data Infrastructure as a Service

Challenges

DIY data pipelines are the weak link in self-service data delivery

Data-driven organization can only move as quickly as the flow of their data allows, and data demand is dramatically outpacing supply due to brittle, DIY data pipelines. No one gets the data that they need. Data scientists are handcuffed, BI analysts have run out of insights and product innovations stall because self-service data is still a dream. Making things worse for IT, is the move to cloud-native infrastructures brings new "as-a-Service" APIs, big data stacks, and data usage demands like AI, which all impose a new chain of high-hurdles to leap in order for their organization to become "data-driven" in a modern way. The answer is not more Data Engineers, because they are overworked already; 85% of their time is spent on constructing scaffolding for data pipelines, and only 15% on refining the juice inside the pipes. Data is oil, indeed, but building your own oil rig is a bad idea.

The Datacoral Solution

Data Infrastructure as a Service is the end-to-end answer

Datacoral provides a secure, end-to-end data infrastructure as a service that runs within the customers' AWS private cloud. Datacoral helps data-driven entrepreneurs build reliable, scalable data pipelines to fulfill the self-service data needs of data scientists and business intelligence analysts. The vendor uses AWS-native technologies deployed as s cost-effective managed service. Customers save two to three man-years in resources per year by eliminating the construction and maintenance of data pipelines, which allows data engineers to focus on creating value in the data instead of around it. With Datacoral, consumption and utility of corporate data increases, data scientists are better utilized and self-service data delivery to analysts and business users flows freely. IT organizations will notice that their AWS footprint becomes less complex to manage while being able to increase its data processing capacity and utility. With Datacoral's Data Infrastructure as a Service, data flow and capacity increases at the pace of business.

Benefits

Datacoral automates, orchestrates and manages end-to-end data pipelines, where users create value simply by tapping their skills in SQL

Secure, Serverless Deployment in your VPC

Datacoral keeps your data safe within your VPC using your encryption keys, accessing only schema and metadata without seeing sensitive data.

Collect, Organize and Harness the Value of Data

Datacoral is a modern data infrastructure that manages how customers **collect** data from any source, **organize** it using everyday SQL skills and **harness** its value across the organization.

Over 70 Connectors to Data Sources & Targets

Datacoral offers a growing catalog of connectors to data sources and applications including AWS products, SaaS applications, Big Data and traditional databases and sources.

Full, AWS Data Management Lifecycle Support

Datacoral supports modern, Serverless, ELT best practices and adds orchestration, change awareness and data publishing to complete the full data management lifecycle in AWS, without needing to hire a full team of data infrastructure engineers.

Datacoral on AWS

Datacoral's founders built terabytes-to-petabytes-sized data infrastructures at 21st-century unicorns—Yahoo!, Facebook, Groupon, AWS, MuleSoft and Splunk. Delivering a native-in-AWS, Data Infrastructure-as-a-Service became obvious as they observed IT organizations struggle with assembling data pipelines while moving monolithic, on-premises applications, warehouses and data centers into a modern cloud deployment environments to improve their competitiveness. Likewise, AWS and cloud best practices have evolved from monoliths, through SOA, to microservices on serverless architectures, where functions as services powered by AWS Lambda thrive. Users enjoy the scaling flexibility and cost effectiveness of the AWS-based stack, while Datacoral has optimized its services to focus on simplifying, managing and orchestrating data infrastructure without exposing all the technologies, APIs, and moving parts within. With Datacoral on AWS, customers reap the benefits of economically scalable data infrastructure that lets them focus solely on their data and how it powers their business. The result is, the right data, on time, even as user requirements evolve.

Features

AWS-native data-infrastructure-as-a-service reduces complexity by 10x

With Datacoral on AWS, customers avoid the complexity of building data infrastructures by hand yet still enjoy the gains in cost effectiveness and economy of scale of AWS. Datacoral on AWS customers reap a 10x reward by offering data infrastructure that connects and orchestrates 70+ data sources in a managed, automated pipeline by using (but hiding the complexity of) more than a dozen native AWS technologies like S3, VPC, Lambda, Redshift, Glue, RDS, CloudWatch, Batch, IAM, Kenesis, Athena, and API Gateway as the building blocks for its offering.

SQL-Enabled, self-service data delivery improves customer competitiveness

Datacoral allows data engineers, data scientists and business analysts to focus on what is important and valuable to the organization, which is using their existing and abundant SQL skills to materialize data views that reflect the state and needs of the business. The free flow of your data improves your ability to understand your own customers, their behaviors and desires, which is the foundation to your relationship with them. Your data becomes your advantage, because you don't have to wait for infrastructure projects.

Case Study: Greenhouse Software

Challenges

Greenhouse needed data pipelines to consolidate data from multiple SaaS applications with internal systems in order help their data scientists design prediction and performance algorithms for customers' talent acquisition processes.

Solution

Datacoral's data-infrastructure-as-a-service manages dataflows from Salesforce, Jira, PostgreSQL, and website activities into Redshift, Mode, Salesforce and Totango. Datacoral helps them meet their sales, support and customer retention goals without needing to hire more staff.

Results

Data engineers spend time in the data and algorithms, not in the infrastructure, which is where their passion and value live. The result is better internal service to the the users, and better built-in metrics for their customers who are seeking the keys to hiring top talent for themselves.

Get started with Datacoral-powered solutions on AWS

Visit AWS Marketplace or https://datacoral.com to purchase or start a Free Trial today.