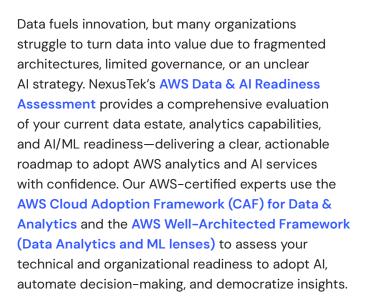
# nexustek

**NexusTek Hybrid Cloud Services** 

# Lay the Foundation for AI—Unlock Trusted Insights and Innovation with AWS Data & AI

AWS Data & Al Readiness Assessment



#### WHO IT'S FOR

- Data & Analytics Leaders
  Chief Data Officers, BI Managers, and
  Platform Architects.
- IT & Cloud Strategy Executives
  CIOs, CTOs, and Enterprise Architects.
- AI/ML & Innovation Teams
  Data Scientists, ML Engineers, and
  Al Product Owners.
- Mid-Size Enterprises

  Modernizing toward data-driven decision-making on AWS.



### **KEY BENEFITS**



#### **Build a Trusted Data Platform**

Ensure data quality, accessibility, and governance across AWS.



#### **Accelerate Business Intelligence**

Enable self-service insights with Amazon QuickSight and AWS Redshift.



#### **Close Governance and Compliance Gaps**

Implement AWS-native data classification and policy controls.



# Prepare for Enterprise-Scale AI/ML

Ready your infrastructure for AWS SageMaker, Bedrock, and future LLMs.



# **De-Risk Al Adoption**

Use a framework-based roadmap to adopt Al responsibly and securely.



#### **Bridge Gaps Between Business and IT**

Align data and Al strategies with organizational goals.

#### **HOW IT WORKS**

We conduct stakeholder workshops, technical discovery sessions, and platform analysis to assess:

- Data Inventory & Estate Mapping: Discovery of structured/unstructured data across on-premises, AWS (S3, RDS, Redshift), and external sources
- Data Architecture & Pipeline Evaluation: ETL/ELT flows using AWS Glue, Amazon MWAA, and real-time ingestion via Kinesis or MSK
- Governance, Privacy & Compliance Maturity: AWS Lake Formation, AWS Glue Data Catalog, and compliance alignment with GDPR, HIPAA, and ISO
- Analytics Readiness: Amazon QuickSight enablement, data modeling, and scalable reporting architecture
- AI/ML Infrastructure Readiness: Amazon SageMaker, Bedrock, and custom model hosting readiness: GPU-enabled architecture assessment

The outcome is a Data & Al Readiness Report that includes:

- Executive Summary of business and technical findings
- Gap analysis for data governance and compliance
- · Analytics enablement plan for QuickSight and Redshift
- AI/ML platform and infrastructure recommendations
- Prioritized roadmap for data platform modernization and AI integration

With NexusTek's AWS Data & Al Readiness Assessment. you can ensure your organization is prepared to responsibly harness AWS for data-driven operations and Al innovation.

### **FEATURES**

### **Data Estate Discovery & Mapping**

Cross-platform inventory of structured, unstructured, and cloud-native data.

#### **Data Architecture & Pipeline Evaluation**

Analysis of AWS Glue, Athena, Redshift, Amazon Kinesis, and third-party integrations.

# **Governance & Compliance Gap Assessment**

AWS Lake Formation, Glue Catalog, IAM controls, encryption, and tagging policies.

# **Analytics Platform Readiness**

Amazon QuickSight, AWS Redshift, Athena, and scalable reporting capability review.

#### AI/ML Infrastructure Readiness

Assessment of AWS SageMaker, Bedrock, and GPU infrastructure needs.

# Comprehensive Roadmap for Data & **Al Modernization**

Prioritized next steps with investment guidance and timeline.

# Ready to get started?

# Contact us today or visit <u>nexustek.com</u>

# NexusTek Is a Trusted AWS Partner

More than 350 engineers, 600+ cloud certifications, and 25+ years of experience delivering hybrid cloud, security, and modernization solutions.

#### AWARD-WINNING















9 YEARS IN A ROW

8 YEARS IN A ROW

7 YEARS IN A ROW

