

Case Study: Data Risk & AI Readiness Assessment

Business Requirements | Challenge

A government entity needed an independent, third-party assessment of its SQL database, Power BI, and Azure environments to uncover hidden risks before they became costly problems. The following areas were identified as being vital to the assessment:

- **Security:** access controls, authentication, and encryption across the platform
- **Performance and data integrity:** query efficiency, indexing, and consistency between reports and source data
- **Regulatory compliance:** readiness for standards including GDPR, HIPAA, and PCI-DSS
- **Disaster recovery:** backup validation, failover readiness, and recovery time objectives

The entity needed a partner to evaluate the full chain – from database to reporting to infrastructure – and deliver a prioritized plan to close the gaps.

Solution

Innovative Solution Partners assessed the government entity's SQL, Power BI, and Azure environments across security, performance, compliance, data integrity, and disaster recovery readiness. The engagement doubled as an AI-readiness check, since modern AI tools depend entirely on the trustworthiness of the underlying data layer.

Results

The assessment gave the entity a clear maturity baseline and surfaced the specific gaps – from excessive access privileges to missing data classification and inconsistent indexing – that needed to close before it could safely expand into AI-driven reporting and automation.

Benefits

Closing these gaps gave the entity a secure, governed foundation for its data – and for the AI tools built on top of it, resulting in:

- Reduced risk of unauthorized access to sensitive data, with clear boundaries for both people and automated tools
- Faster, more reliable reporting from a cleaner, better-indexed data architecture
- Stronger regulatory readiness across security, privacy, and disaster recovery requirements
- A secure foundation to adopt AI and automation later without costly retrofits

About Innovative Solution Partners

At Innovative Solution Partners we understand business, technology, and the urgency behind making sound, accurate business decisions. We work with clients, large and small, just like you. We help you take control of your data to create insights into how your business is operating.

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