AUDAX LABS

Cloud Migration Service

Our Capabilities & Experience

Audax labs is an Innovation Partner with a strong System Integrator background. We work with enterprise clients in their innovation journey from ideation to enterprise grade deployment.

PARTNERS

HITACHI Inspire the Next

Microsoft Solutions Partner

talend Partners

Google Cloud Partner

CUSTOMERS

HITACHI Inspire the Next

Microsoft

Parker

KARMA

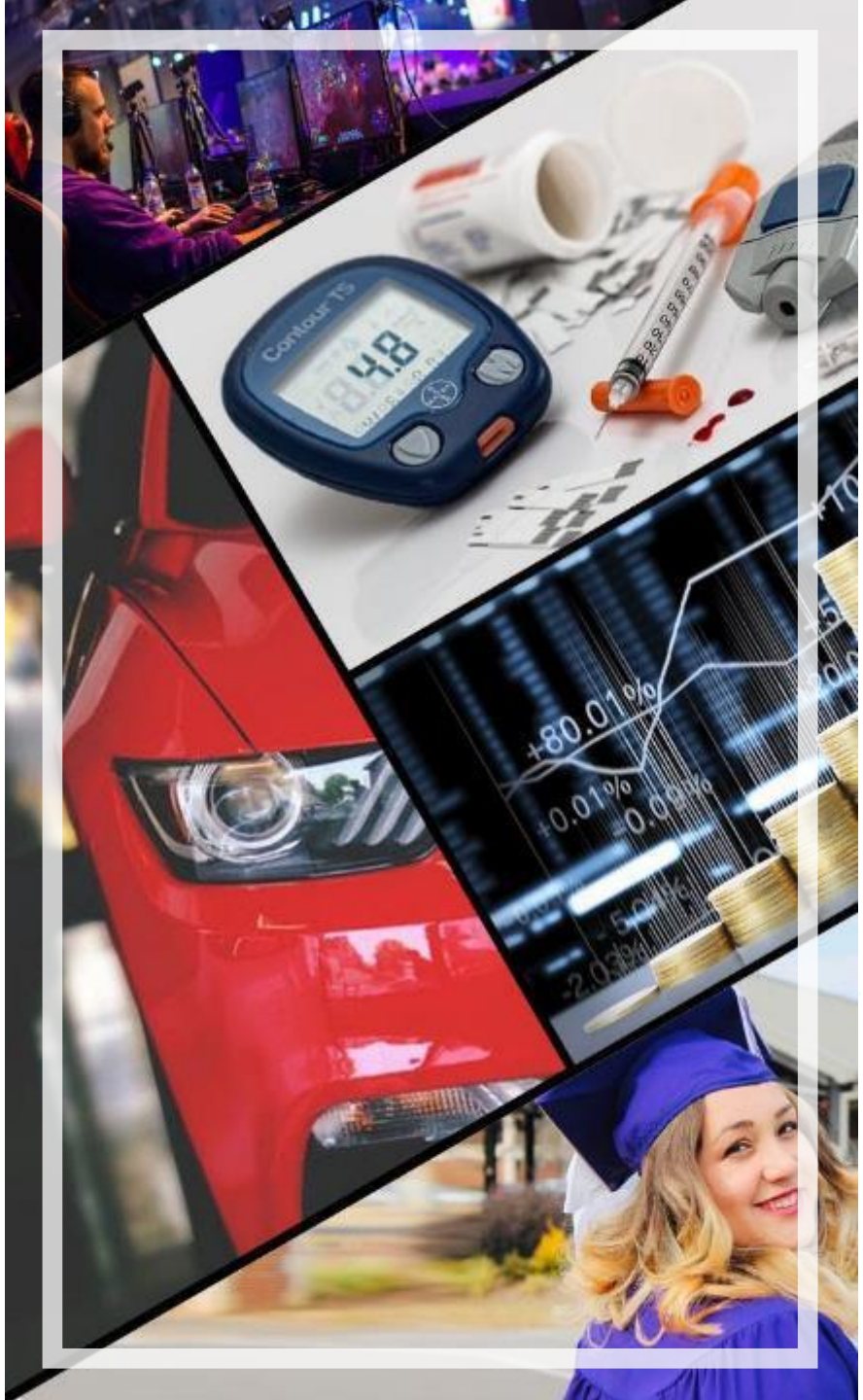
EV Bike Manufacturer

Rabobank

9to5 seating

Kelvin

Bonsai mediagroup



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INDUSTRIES

- Automotive
- Manufacturing
- Healthcare
- BFSI
- Retail

TECHNOLOGIES

AI
Artificial Intelligence

AR, VR, & XR
Augmented Reality

IoT
Internet of Things

Cloud
Storage & Computing

Data
Managing Data lifecycle

GLOBAL PRESENCE

Understanding Cloud Migration Services

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Transitioning applications, data, or processes to Azure's cloud environment.

Cost Efficiency

Reduced infrastructure costs, pay-as-you-go models, and resource optimization.

Scalability

Ability to dynamically scale resources based on demand, ensuring flexibility and cost-effectiveness.

Enhanced Security

Leveraging Azure's advanced security features like multi-layered protection, compliance, and threat intelligence.

Agility & Accessibility

Rapid deployment, quick response to market changes, and global access to Azure services.

Determining the Right Time for Cloud Migration

In about six to eight weeks, the Audax Labs Migration assessment delivers three straightforward yet highly impactful outcomes.

LEGACY INFRASTRUCTURE
Aging infrastructure causing performance bottlenecks or costly maintenance.

SCALABILITY NEEDS
Requirement for flexible resources to accommodate fluctuating demands.

SECURITY CONCERNS
Inadequate security measures or vulnerabilities in existing systems.

GLOBAL ACCESSIBILITY
Need for enhanced accessibility and availability of services.

COST EFFICIENCY
High operational costs with on-premises infrastructure.

Technological Advancements: Desire to leverage modern technologies and innovation.

Preferred Tools for Cloud Migration

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Azure Migrate
Assess on-premises workloads, plan migration strategies, and optimize resources.

Azure Site Recovery
Enable replication, backup, and failover solutions for on-premises and Azure environments.

Azure Database Migration Service
Simplify database migration to Azure with minimal downtime.

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Innovative & Sustainable Cloud Migration Strategies

1

Lift and Shift:

Swiftly transfer existing systems to the cloud with minimal disruption.

2

Re-Platforming:

Adapt applications for the cloud environment without code changes, enhancing performance.

3

Re-Factoring:

Re-architect applications for cloud-native features, ensuring scalability and agility.

4

Re-Purchasing:

Embrace new cloud-based software for innovation and reduced maintenance costs.

5

Re-Tiring:

Decommission outdated systems to optimize cloud resources, improving efficiency.

Key Steps in Cloud Migration Process : Sequential Steps

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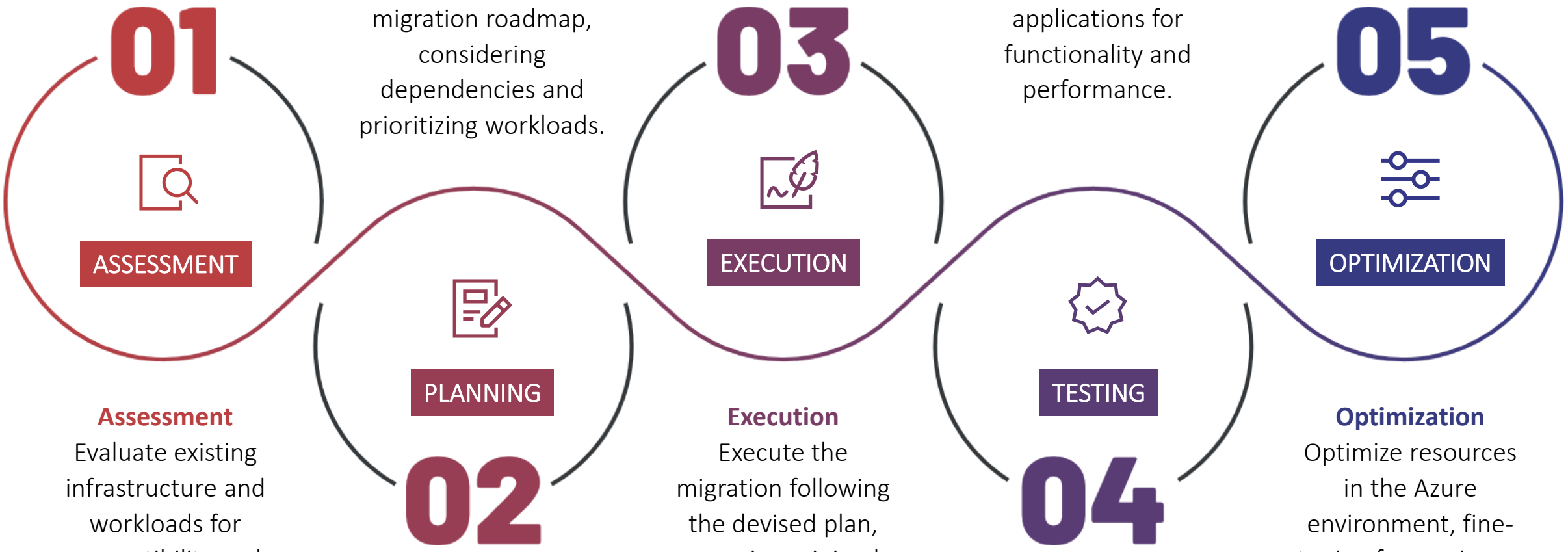

Assessment
Evaluate existing infrastructure and workloads for compatibility and readiness.

Planning
Create a detailed migration roadmap, considering dependencies and prioritizing workloads.

Execution
Execute the migration following the devised plan, ensuring minimal disruptions.

Testing
Validate the migrated applications for functionality and performance.

Optimization
Optimize resources in the Azure environment, fine-tuning for maximum efficiency.

Real-world Scenarios for Cloud Migration

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Enterprise Application Migration

Migrating complex enterprise applications to Azure for improved performance and scalability.

Data Centre Consolidation

Consolidating multiple data centres into Azure, streamlining operations, and reducing infrastructure costs.

Legacy System Modernization

Revamping outdated systems by migrating to Azure, enabling innovation and enhanced capabilities.

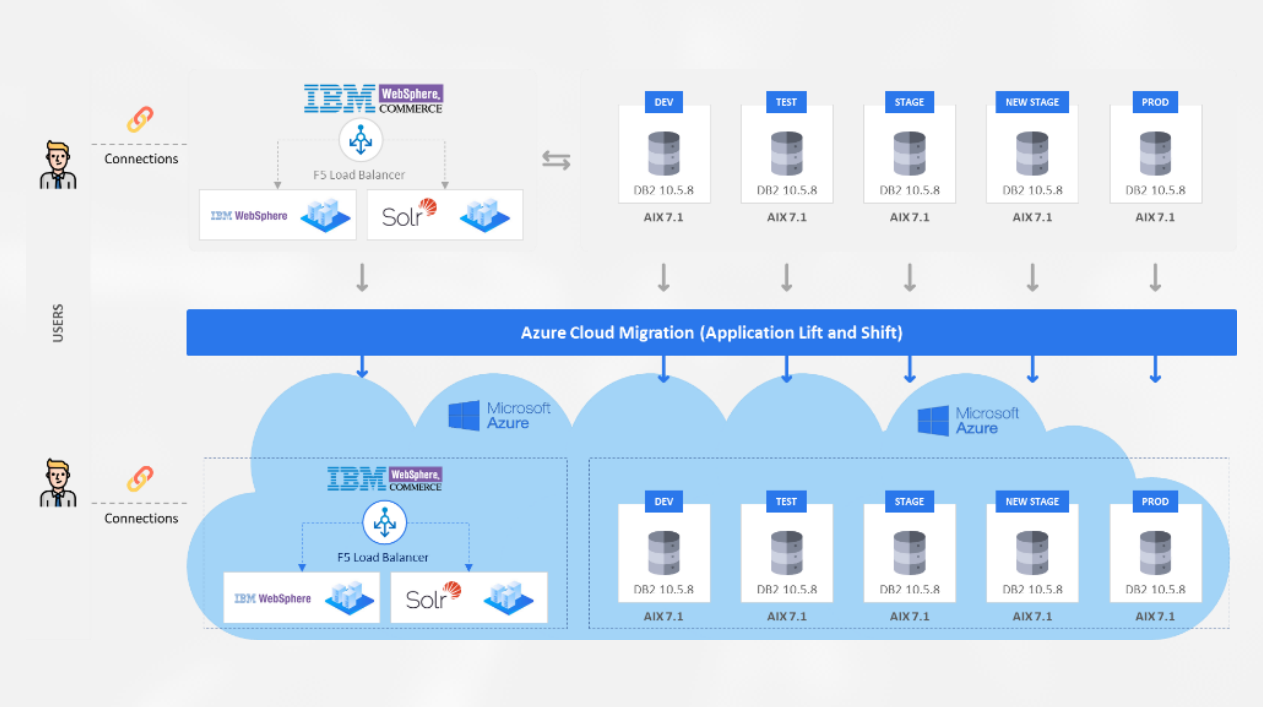
Web Application Hosting

Hosting web applications on Azure for enhanced reliability, security, and global reach.

Disaster Recovery and Backup

Leveraging Azure's robust infrastructure for disaster recovery and backup solutions, ensuring data integrity and continuity.

Migration from WCS Commerce migration from AIX to Azure Cloud



Solution Component:

Red hat Linux Server + Java J2EE + Azure Cloud

Challenge:

Parker's existing applications are on Java/J2EE platform and were developed 10 years ago. The Java application provides e-commerce platform to the businesses. There are around 1,000,000 unique users/month. They want to move their applications, databases to cloud (Azure) which are currently in AIX. They also want to move their existing IBM WebSphere Commerce and DB2 databases to Enterprise Red Hat Linux servers on Azure.

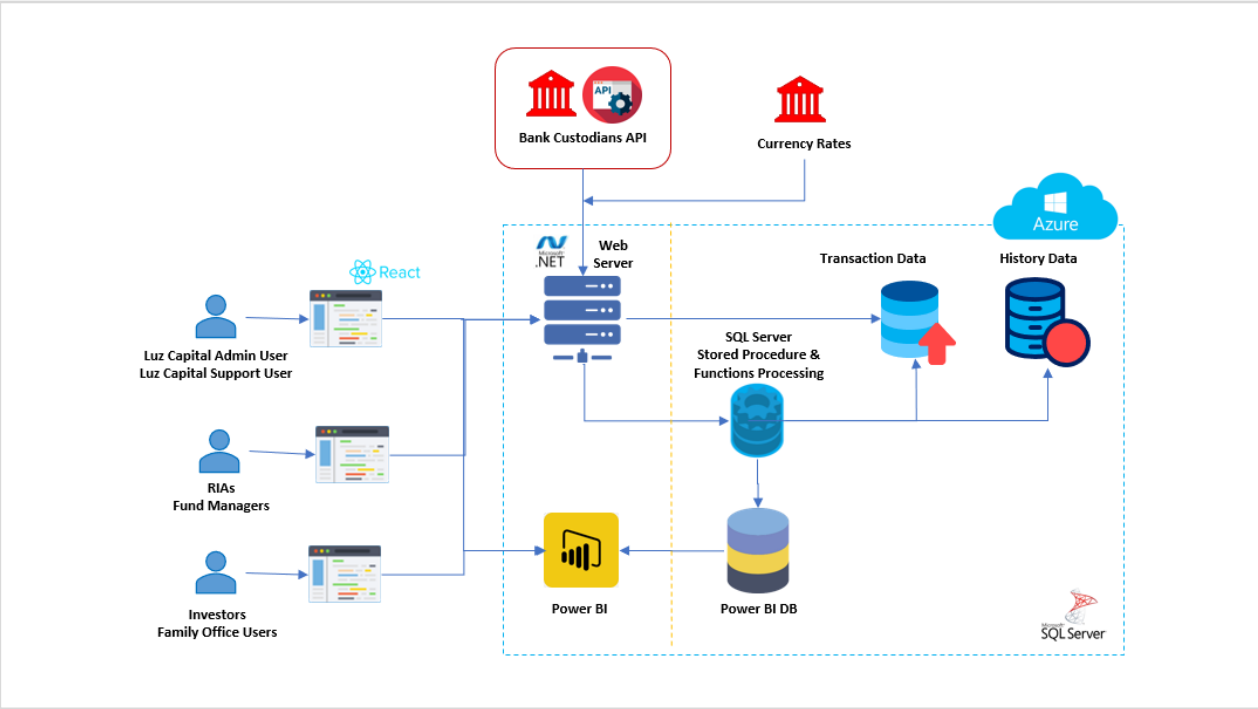
Solution:

Audax Labs planned that migration of their existing Java applications will be done through lift and shift approach. After planning a POC was completed successfully. Audax Labs then migrated the application and tested it thoroughly. Audax Labs also ensured to provide post migration support to fix any unforeseen issues and optimize performance.

Outcome (ROI):

- Highly available stable environment
- easily scalable
- Agility for Digital Transformation
- Cloud Compatibility
- ISV Solutions
- Accessibility to data for analytics

Luz Capital – MS Access to Azure Migration



Solution Component:

Azure + React + .NET + Power BI + SQL

Challenge:

Luz Capital would like to make their product “Phalkon” scalable, secure, and high on performance using latest technologies. It should be web-based application that can handle multiple clients, investors. It should be cloud-based using SQL server database for data processing and management.

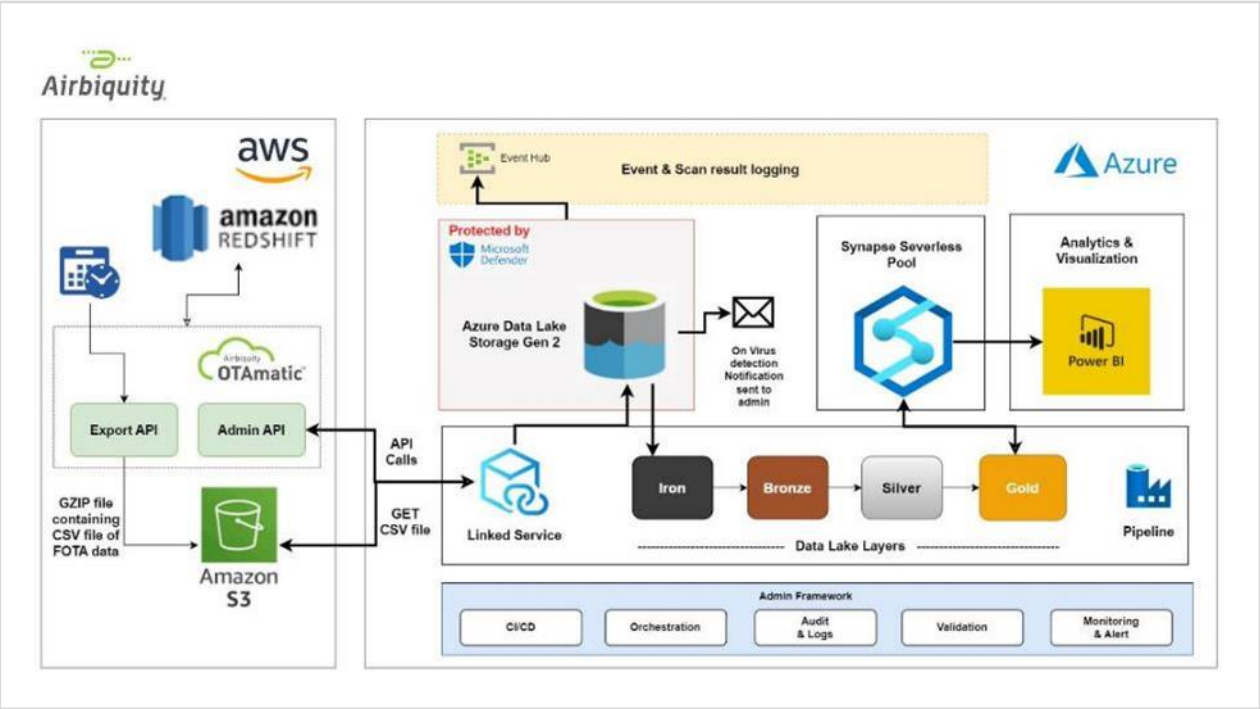
Solution:

Audax Labs planned that migration of their existing database to Azure cloud from MS access will help efficient data monitoring and reduce the operation timing to improve the performance. Audax Labs developed a web-based, responsive and cross browser solution enriched with Power BI based interactive dashboard for visualization, reporting and analytics. Audax Labs used SQL Server for database. SQL Server Stored Procedure and Functions were used for calculations which were earlier written in VB for better performance.

Outcome (ROI):

- Supports multiple user roles
- Enhanced user security
- Fully Scalable
- Faster and efficient operations
- Powerful data visualization and insights

DataLake
AWS to Azure Migration



Solution Component:

Azure + Synapse + ADLS Gen 2 + Power BI + Azure CI CD

Challenge:

Customer wants to secure and streamline their data operations to manage their customer services more efficiently.

They want a centralized DataLake Solution that can help them with meaningful insights, minimum downtime and reduce data breaches.

Solution:

Audax Labs offers an efficient data migration solution from AWS S3 to Azure's file share. Data is scanned for viruses using Microsoft Defender, ensuring integrity. Clean files move to ADLS Gen2 and the Iron layer. Our pipeline continues by cleansing data into Parquet format in the Bronze Layer, retaining incremental data, and validating file formats. It then moves data to the Silver Layer, establishing a Delta Lake with complete records and transaction logs.

Outcome (ROI):

- Streamlined and Efficient Data Migration
- Minimized downtime and data transfer delays.
- Enhanced Data Security
- reducing the risk of data breaches.
- Data Quality Assurance

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Outcome Driven Innovation!

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