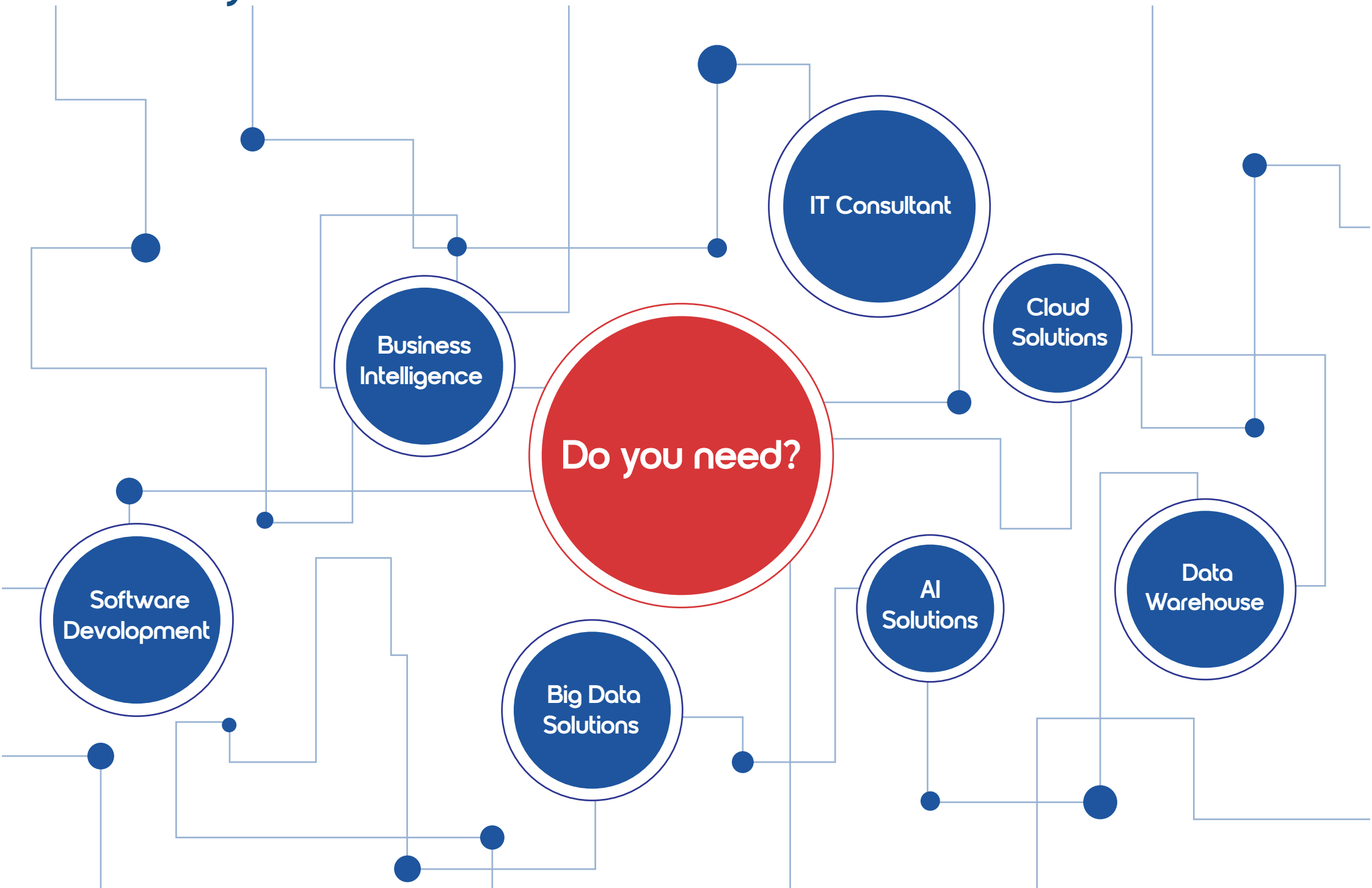




Better Solutions





Better Galaxy

Everything is better in the Alcyno Galaxy. With a better team, it's easier to keep your digital ecosystem alive or build a new one. Experienced, motivated, and highly skilled in problem-solving; with Alcyno, everything is possible. More efficient, more systematic, more stronger.

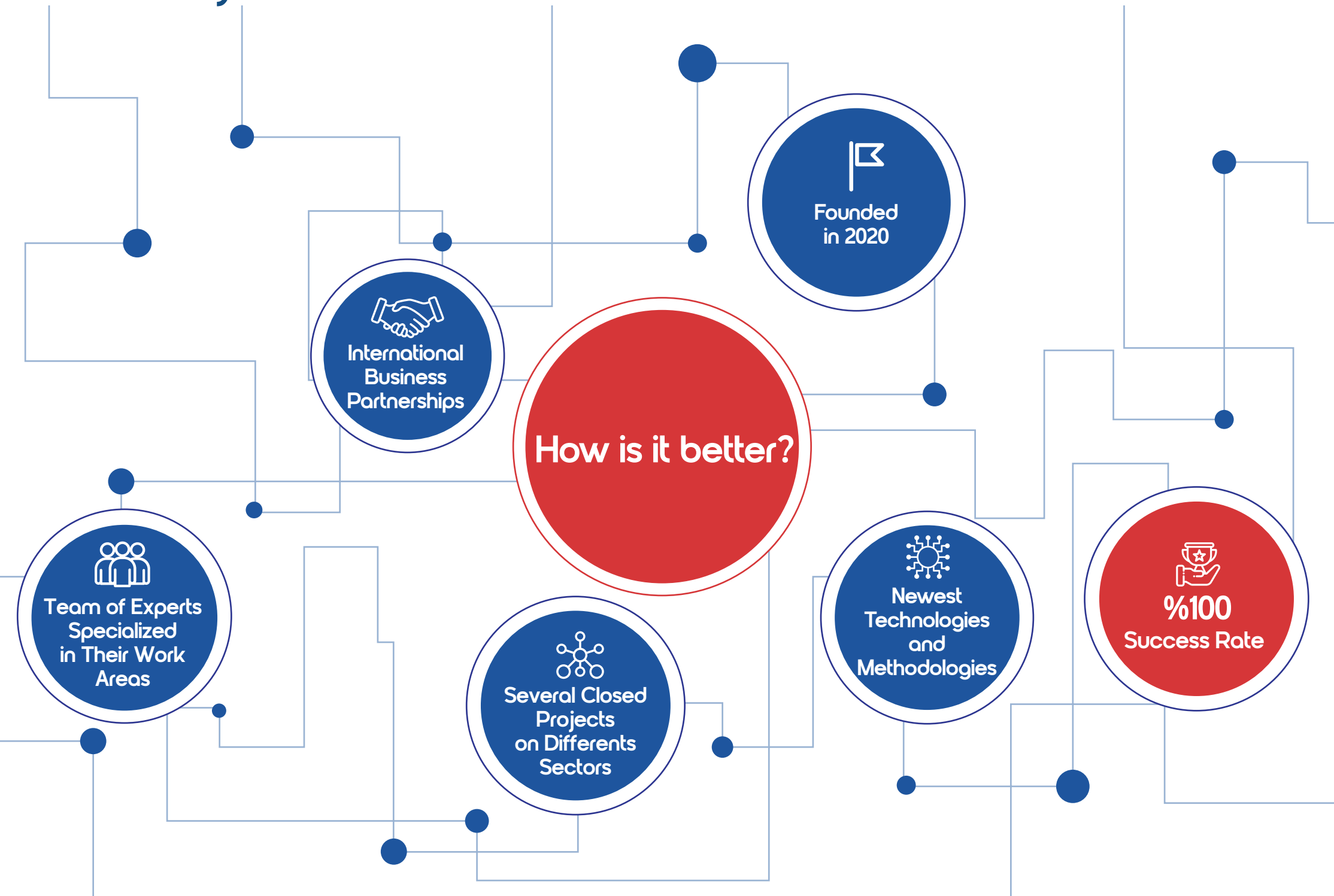
Say hello to the Alcyno Galaxy.



Better Experience

We have conducted the digital analysis of many companies. We identified problems and provided better solutions. Sit back and relax for a comfortable journey into the digital world.





Alcyno Working Area

Data Warehouse



Data Warehouse solutions make it easy for businesses to store large data sets for easy access. It helps with business intelligence and reporting.

Business Intelligence



Business Intelligence enables the evaluation of past performance by analyzing data. It enables businesses to make sense of their performance by consciously guiding future strategic decisions.

Big Data Solutions



Big Data Solutions enable analysis of large data sets to yield valuable insights. It provides companies with the opportunity to manage and analyze comprehensive data flows and draw meaningful conclusions.

Software Development



Software development aims to produce special software solutions according to business needs and accelerate the process. It also helps increase productivity.

Cloud Solutions



Cloud solutions allow workloads such as data storage, processing power and many applications to be moved to the cloud.

AI Solutions



AI Solutions enhance decision-making, optimize operations, and drive innovation through advanced analytics, machine learning, and automation, transforming data into a strategic advantage.

Alcyno Contributions

ACCESS

companywide
views
instantly



IMPROVE

the recruitment
processes



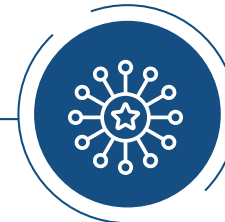
FORRECAST

suppliers
income
and other
financial
transactions



CREATE

new opportunities
by taking quick
actions



CLOSELY

monitor
active



DATAWAREHOUSE

and business
intelligence
solutions



FINANCIAL

solutions



DECISION

support
systems



**Alcyno
Contributions**

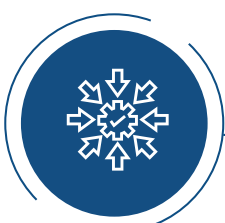
BIG DATA

management
storage
and evolving
analytics
services



EFFECTIVE

corporate
performance



Education Program



Working closely with your technical team

This ensures alignment, streamlines workflows, and ensures we achieve project goals efficiently and effectively.



Technical consulting

Helping businesses thrive by providing expert guidance and solutions when looking for help with technical challenges or opportunities.



Technical training programs

Allow employees or customers to improve their technical skills and knowledge. It offers many resources to help them be successful in their field.



Adapting agile methodologies

Agile methodologies emphasize iterative development, collaboration, and flexibility, allowing teams to respond quickly to needs.

Alcyno offers different education program packages for stakeholders



Alcyno Solutions



Addresses large data sets to inform decision-making and drive innovation.

It uses technologies to analyze data and obtain actionable information to optimize business operations.



Connects systems and data sources to facilitate communication and increase efficiency

Provides ongoing technical assistance to customize systems to fit specific needs and ensure they operate smoothly.





We forecast revenue and other financial transactions by providing instant access to company-wide visibility. We actively improve recruitment processes and create new opportunities with rapid action.



Use Sectors

Manufacturing

The production of goods through industrial



Defense Industry

Development and production of military equipment and technology.

Insurance

Financial protection against risks



Telecommunication

Communicating over long distances using technologies such as

Banking

Financial services including deposits, loans and investments.



Energy

The production and distribution of power



Use Sectors





Technical Background





We effectively manage company performance by integrating data warehouse and business intelligence solutions, big data storage and evolving analytics services.



Use Cases

AIM

Improve workflow and query performance by addressing issues in the data warehouse.

Approach

Implemented end-to-end transformation service, analyzing current status with metadata queries.

Utilized Data Modeling and Dimensional Modeling in BI applications, redesigning affected jobs with new architectures.

Defined ETL architecture and conducted extensive testing with 400+ queries for seamless data transfer.

Managed stages including Master Data Management, Data Governance, and Business Intelligence.

Use Cases

AIM

Improve sales performance by enhancing scalability and expanding scope of the existing commissioning system.

Approach

Conducted assessment of data management, identified gaps, and performed data modeling and ETL architecture with increased scope.

Collaborated with multiple teams to create data models and developed over 200 Informatica / ETL mappings.

Conducted unit and integration tests for data reliability and ensured scalability for new products.

Implemented solutions for dealers and corporations within the established scope.

Use Cases

AIM

Establish a reliable, robust, and scalable data solution to enable data asset monetization and track company progress.

Approach

Implemented an end-to-end data foundation with key features including data strategy, governance, integration, quality, storage, and master data management.

Assessed business requirements to develop a robust data governance framework.

Developed data integration processes using Informatica and created robust pipelines tested in every phase.

Evaluated alternatives for efficient storage and processing through MVPs, establishing a reliable and robust data foundation with chosen methods and metadata management.



Use Cases

AIM

Develop a cost-effective, reliable, and scalable solution for Epiaş's data management challenges.

Approach

Implemented a tailored solution using open-source tools throughout the data lifecycle, leveraging Apache Spark for big data processing and Apache Airflow for scheduling.

Optimized processing steps with latest technologies and conducted rigorous testing for reliable data movement.

Adjusted based on unit and integration test responses from related teams.



Use Cases

AIM

Optimize and reengineer the current AWS stack to address high costs and long run times in the cloud environment.

Approach

Modified and utilized additional AWS technology stacks to create a tailored solution for the customer's big data project, focusing on optimization and enhanced functionality.

Combined multiple AWS services for efficient processing and storage, leveraging AWS S3 for large dataset management.

Developed infrastructure using AWS Glue for simplified data integration and processing and implemented Infrastructure as Code (IaC) solutions for faster deployment.

Actively used repository management systems to track project evolution and facilitate workflow. Created API services for seamless module integrations and communication between systems using various AWS services.

Use Cases

AIM

Enhance Fannie Mae's competitiveness in the real estate market by leveraging advanced analytics and machine learning capabilities.

Approach

Implemented robust and reliable data pipelines to support machine learning models and improve predictive modeling and budgeting on real estate data.

Customized a comprehensive stack of tools and technologies to meet Fannie Mae's forecasting needs, combining proprietary and open-source software.

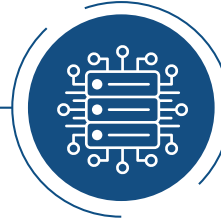
Prioritized scalability, interpretability, and accuracy in our methodology to ensure reliable data pipelines and feature stores for more accurate forecasts.

Maintained consistent communication with subject matter experts and project owners to evaluate requirements and process data assets effectively for optimal machine learning algorithm performance.



Digital Systems For a Better Planet





DATA ARCHITECTURE AND PLANNING

We assist companies in realizing their data assets and supporting end-to-end digital transformation. By assessing the status, we prepare roadmaps and build scalable, robust, and cost-efficient data models and strategies to encompass future challenges and stay ahead of the competition.