About company :

Our Mission

MITZ is a team of problem solvers with Techie Hats on a mission to deliver world-class software products and services.

Our Vision

Our journey began in 2020 December, with a vision to generate excellence within and deliver it in Data Engineering Services & in AI Powered SAAS Products!

Our Values

Exceptional Delivery in Services

focused on Solutions, aided by Technology

Realistic Commitments Delivered on time.

Success stories :

Data Platform Architectural Solution and Analysis for an IT Service Company

Background

To migrate their existing application database from SQL Server to AWS Redshift, with an emphasis on continuous replication.

Strategic Solution

Started with data being transfer from SQL Server to S3. Technologies used: AWS, AWS Data Migration Service (DMS), Amazon Redshift. Architected and designed the data solution.

Benefits

Seamless data Migration

Continuous data Replication

Enhanced Data Processing

Structured Data Management

Cost-Effective Scalability

Data platform for Tenders and Business Opportunities

Background

In-house project to develop an advanced system to scrape websites for potential Requests for Proposals. This system has potential to connect vendors with potential clients for business achievements.

Strategic Solution

To collect, aggregate, and filter the data to provide a centralized repository of potential business opportunities for subscribers.

Various python libraries used for scraping, multiple ML models used for data quality and relevance. It is built in AWS services such as S3, EC2, Amazon Redshift & ECR to ensure seamless operations.

Benefits

Revolutionizes the way businesses identify and act on potential opportunities.

Subscribers can access a list of RFPs, increasing their chances of securing valuable contracts.

Reduces time spent on manually searching for RFPs, also positions businesses at the forefront of potential collaborations

Data Platform for Health Care Company

Background

The vision was to build a data repository which caters reports and analytics for a healthcare company to avoid reports from going out of server.

Strategic Solution
A well architectured solution was build on Azure cloud.
Services like Azure Synapse Analytics ADLS Gen2, Azure Data
Factory were used.
Benefits
Overhead on operational systems were reduced
Greater flexibility in Integration of multiple, diverse sources
More KPIs and Analytics enabled growth

Data Platform for Fraud/Anomaly Detection
Background
A banking company with a specific requirement to build a system to
detect anomalies in the customer transaction. The objective was to
build an efficient data mart.
Strategic Solution
Designed and built robust data mart in Azure specific to customer
requirement.Various cloud platforms like Azure Data Factory, Azure Databricks
were used. Pyspark on Databricks was employed for powerful data
processing, while Delta Lakes ensured scalable storage.
Benefits
Easy integration of multiple data sources, ensuring fast and accurate
anomaly detection
The BI platform operations were enhanced using Data Mart
Streamlined BI operations, leading to quicker insights and decision-
making

Our services :

Data Engg. Consulting
Data landscape evaluation
Data governance
Data ops

Data Engg. Delivery
Data platform design & build
Data Ops & governance
Data CoE

Our other services in the data space

Data & AI Strategic Assessment :
MITZ is a team of problem solvers
with Techie Hats on a mission to
deliver world-class software
products and services.

Data Platforms E2E Design and Build :
We are good at what we do. We're
led by industry leaders, and ground
up design, build, implementation of
data platforms are in our moulded
DNA.

Data Systems Modernization :

Legacy systems and technologies would need a timely upgradation in terms of storage, processing, deriving values. We're ahead of the game in getting systems to Cloud.

Data Ops and Support :
Efficient management of data assets, pipelines, processes within a data platform or data team is key to a successful data management strategy and enterprise. We take on data ops and support as important as building the platforms.

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Engineering team & competency
Delivering innovative solutions with state-of-the-art technology

Python, SQL, Scala, Spark, Airflow, Kafka,Snowflake, Databricks, AWS services, Azure services.