Data Analytics

archents

About Us

Archents is a pioneering digital technology company that specializes in designing and delivering platforms, products, processes, and projects to help enterprises grow and sustenance. As expert system and data integrators, we ensure that our customer's data is well-governed, integrated, transformed, and monitored..
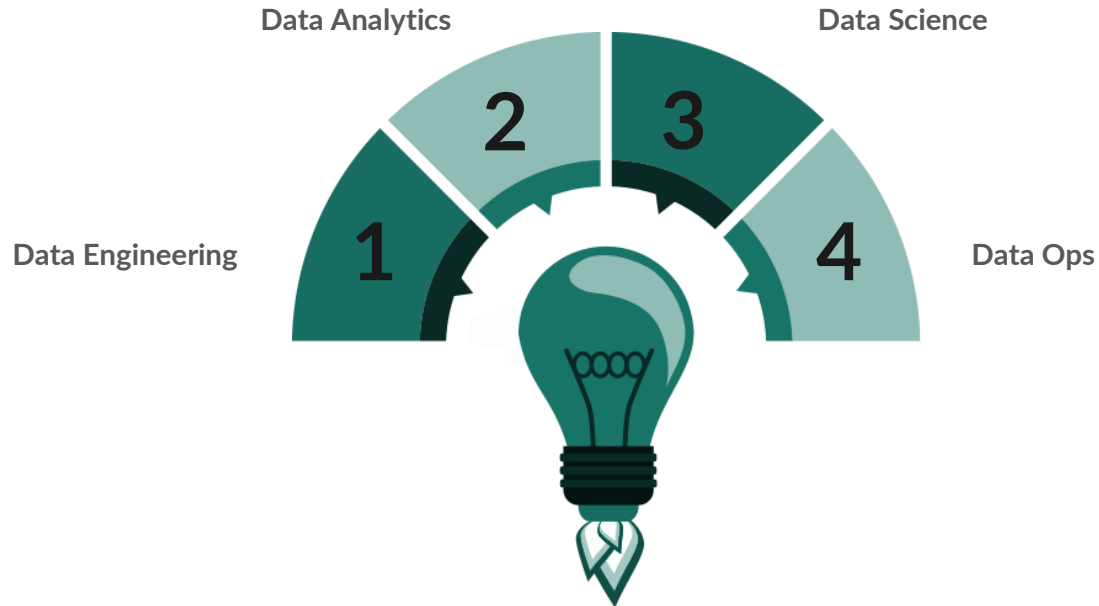
Technology

- ✓ Data & Analytics stack
- ✓ Blockchain
- ✓ Mixed Reality
- ✓ Artificial Intelligence
- ✓ Robotic Process Automation
- ✓ Digital Twin
- ✓ IoT
- ✓ Integration stack
- ✓ EDI technologies

Industries

- ✓ Manufacturing
- ✓ Industrial
- ✓ Transportation
- ✓ Logistic & Supply Chain
- ✓ Financial
- ✓ Insurance
- ✓ Healthcare
- ✓ Distribution
- ✓ Publishing
- ✓ Retail & CPG

Our Offerings – Data Services

Data Analytics

Data Science

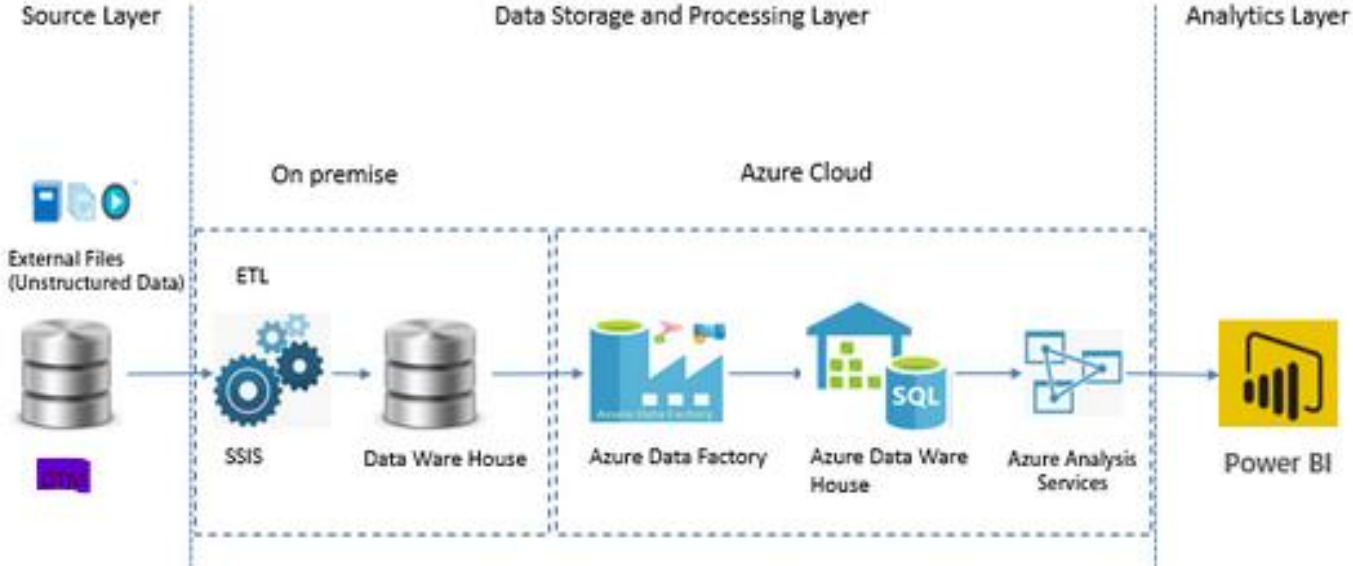Data Engineering

1

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Data Ops

Data Analytics

Archents offers data analytics services that help companies to gain a competitive edge, improve revenue, and increase operational efficiency.

With the help of deep learning models, Archents can convert structured, semi-structured, and unstructured data into valuable insights and intelligence that can identify trending products or services, anticipate potential business challenges, and more.

Archents empowers business subject matter experts to efficiently build these models and create real-time, interactive reports that enable informed decision-making by consolidating all necessary information in one place..
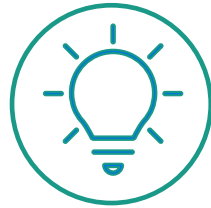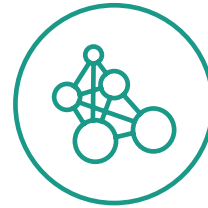
Sample Architecture

Source Layer	Data Storage and Processing Layer		Analytics Layer
	On premise	Azure Cloud	
External Files (Unstructured Data)	ETL		
	SSIS	Data Ware House	Azure Data Factory
		Azure Data Ware House	Azure Analysis Services
			Power BI

Benefits

Improved Operational Efficiency / Productivity

Make Informed Decisions

Reduce Costs

Customer Experience

Data analytics can be used to pinpoint areas that can be improved upon and then take the required steps to bring about the desired effects by optimizing various processes.
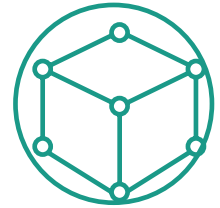
Meaningful insights help businesses to spot trends in customer behavior, comprehend customer demand, & make decisions based on actionable insights that lead to increased revenue & higher return on investments.

Data-driven business decisions help you avoid potential risks, thereby helping in reducing costs and maximizing profits.

By understanding the expectations of the customer, companies may create focused marketing campaigns, discounts, and a more individualized experience that improves customer retention and brand loyalty.

What We Do (1/2)

1 **Data Mining and Cleaning**
Extract, transform, and load data from multiple sources. Clean and normalize data for analysis and utilize data wrangling techniques to prepare data for modeling.

2 **Data Modeling**
Develop predictive models and optimization models to identify opportunities and inform decision-making. Utilize machine learning and artificial intelligence to build simulations and forecasts.

3 **Data Warehousing and Administration**
Design and maintain data warehouses to store and secure data. Utilize best practices to ensure data integrity, accuracy, and accessibility.

4 **Data Analysis and Reporting**
Provide comprehensive data analysis and reporting services for businesses and organizations. Utilize sophisticated software and tools to identify patterns and trends in data, and create meaningful visualizations to present insights.

5 **Data Visulalization**
Create custom interactive visualizations to help stakeholders understand data quickly and easily. Utilize the latest technologies and design principles to produce interactive and intuitive visualizations.

6 **Data Security and Privacy**
Ensure that data is secure and secure and privacy regulations are met. Utilize data encryption and access control protocols to protect data from unauthorized access.

What We Do (2/2)

7

Business Intelligence

Leverage data to inform business decisions. Utilize data mining, predictive analytics, and visualization technologies to generate insights and recommendations.

8

Machine Learning and Natural Language Processing

Design and develop machine learning models to automate tasks and solve complex problems. Utilize supervised and unsupervised learning algorithms to generate predictions and insights.

Q | # Why Archents?

A | Our primary competency is developing abstract models based on practical business issues and data-driven, practical, and intuitive solutions

Our team takes an interdisciplinary approach to solving complex business problems, leveraging our domain expertise, technological prowess, and cutting-edge statistical algorithms, machine learning technologies, and engineering best practices to deliver intuitive solutions that benefit our clients.

Get in touch with our Experts to get the most out of your data!

Thank you.