



Data Engineering & Business Intelligence

Transforming data into decisions.

About Our Company

At Mindfire Solutions, we solve complex challenges with custom-engineered software. We are a trusted technology partner for companies across the globe. Our agility, strong engineering culture, and focus on impact enable us to deliver tailored solutions with speed and precision.

From ground-up development to scaling and optimizing existing platforms, our cross-functional teams work seamlessly across the entire product lifecycle; spanning ideation, architecture, development, QA, automation, DevOps, and ongoing support.

- 25+ years old company
- 650+ workforce
- 500+ global clients
- 2000+ successful projects



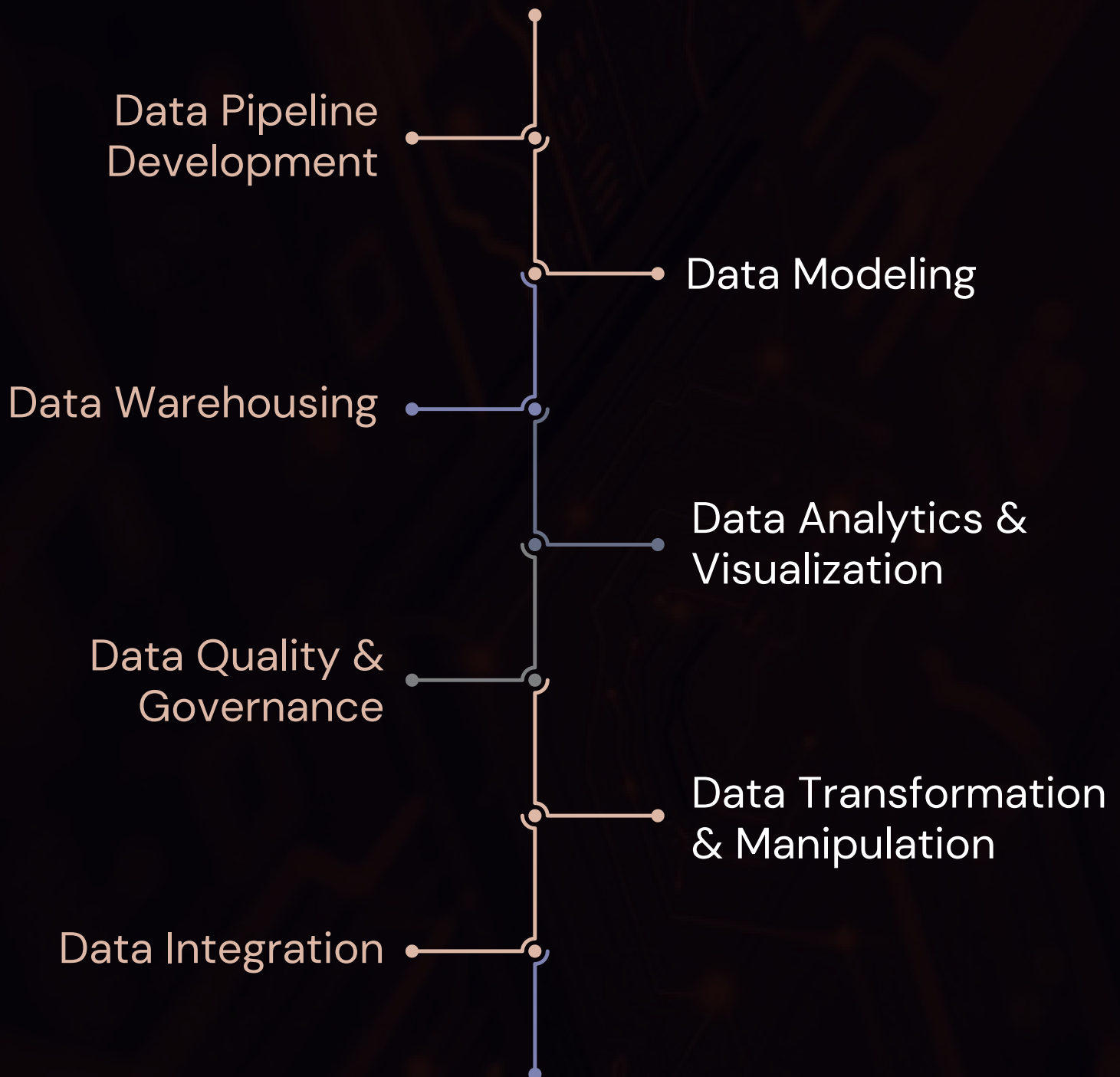
Data Engineering

Data engineering is the backbone of modern businesses, transforming raw information into reliable, usable assets that power decision-making. With growing data volumes and complexity, data engineering provides the foundation on which organizations build insights, innovations, and competitive advantage.

Our team specializes in building end-to-end data pipelines, modern data warehouses, and cloud-based data platforms tailored to business needs. Whether it is streamlining data integration, enabling advanced analytics, or ensuring governance and compliance, Mindfire is your trusted partner for scalable, cost-effective, and future-ready data engineering solutions.

- 5+ years' experience
- 20+ member team
- Industry-certified

Our DE Services



Data Pipeline Development

The objective is to enable seamless, accurate, and secure transfer, transformation, and management of data across diverse sources and target systems, ensuring support for real-time analytics and operational processes.

- Data Ingestion & Integration
- Data Transformation & Enrichment - ETL/ELT
- Orchestration & Workflow Automation
- Real-Time & Streaming Pipeline Development
- Pipeline Architecture Design & Implementation
- Pipeline Monitoring, Optimization & Support
- Testing, Quality Assurance & Validation
- Security, Governance & Compliance

Data Modeling

It centers on evaluating, shaping, and improving data structures and practices to ensure alignment with business intelligence, analytics, and day-to-day operations.

- Conceptual/Logical/Physical Data Modeling
- Entity-Relationship Modeling (ERM)
- Data Integration and Mapping
- Dimensional Modeling
- Predictive Data Modeling and ML Readiness
- Data Contracts and Schema Registry

Data Warehousing

The focus is on creating, managing, and enhancing reliable repositories for both structured and unstructured data, enabling organizations to drive efficient analysis, reporting, and decision-making.

- Cloud data warehouse design & implementation
- Compute optimisation and partitioning strategies
- Data Integration & Aggregation
- Metadata Management
- Data Quality Assurance
- Data Security, Governance & Compliance
- Ongoing Maintenance & Optimization

Data Analytics & Visualization

The core services focus on converting raw data into actionable insights and engaging visual formats that enable data-driven decisions across business functions.

- Descriptive/Diagnostic/Predictive/Prescriptive analytics
- Data Visualization & Dashboarding
- Data Storytelling & Executive Insights
- Business Intelligence (BI) Solutions
- Mobile & Responsive Visualization
- Custom Reporting & Strategic Analytics Support

Data Quality & Governance

The aim is to safeguard data integrity, security, and regulatory compliance in order to support efficient organizational use.

- Data Validation & Observability
- Data Governance Frameworks
- Metadata & Data Lineage Management
- Data Cataloging & Discovery
- Master Data Management

Data Transformation & Manipulation

Our services refine raw data into structured, high-quality formats prepared for analysis and integration, leveraging automation and advanced methods to improve usability.

- Data Cleaning, Structuring and Formatting
- ETL/ELT Data Processing
- Real-Time and Batch Data Transformation
- Advanced Data Enrichment
- Transformation Pipeline Design & Automation

Data Integration

We automate and optimize the flow, transformation, and consolidation of data from diverse sources, ensuring unified access, analytics, and operational efficiency.

- Batch and Real-Time Data Integration:
- Application and API Integration
- Data Replication and Synchronization
- Data Consolidation and Centralization
- Data Virtualization and Federation
- Middleware and Hybrid Integration

Tools & Technologies



Python /
PySpark



SQL



Azure
Data Factory



Azure
Synapse



Azure
Fabric



DBT



AWS Glue



AWS Redshift



Google
Cloud Dataflow



Google
BigQuery



Snowflake



Apache
Airflow

Business Intelligence

BI and Analytics empower organizations to convert data into actionable insights that fuel strategy, efficiency, and innovation. In a competitive environment where speed and accuracy of decision-making define success, BI solutions play a vital role in enabling enterprises to uncover trends, forecast outcomes, and make data-driven decisions with confidence.

We deliver tailored BI and analytics services that enable organizations to maximize the value of their data. Our experts bring deep experience with leading BI platforms and advanced analytics methods to deliver actionable insights. By uniting visualization, reporting, and predictive techniques, we help businesses turn data into measurable outcomes.

- 5+ years' experience
- 20+ member team
- Industry-certified

Our BI Services

1

Business Intelligence
& Reporting

2

Advanced
Analytics

3

Data Foundations
& Support



BI & Reporting

It covers the key processes and technologies that turn raw data into actionable insights. Modern BI platforms now provide powerful visualizations, easy-to-use reports, and intuitive analytics that both technical and non-technical users can leverage in real time. Our services help businesses make informed, data-driven decisions by ensuring seamless access to the information they need.

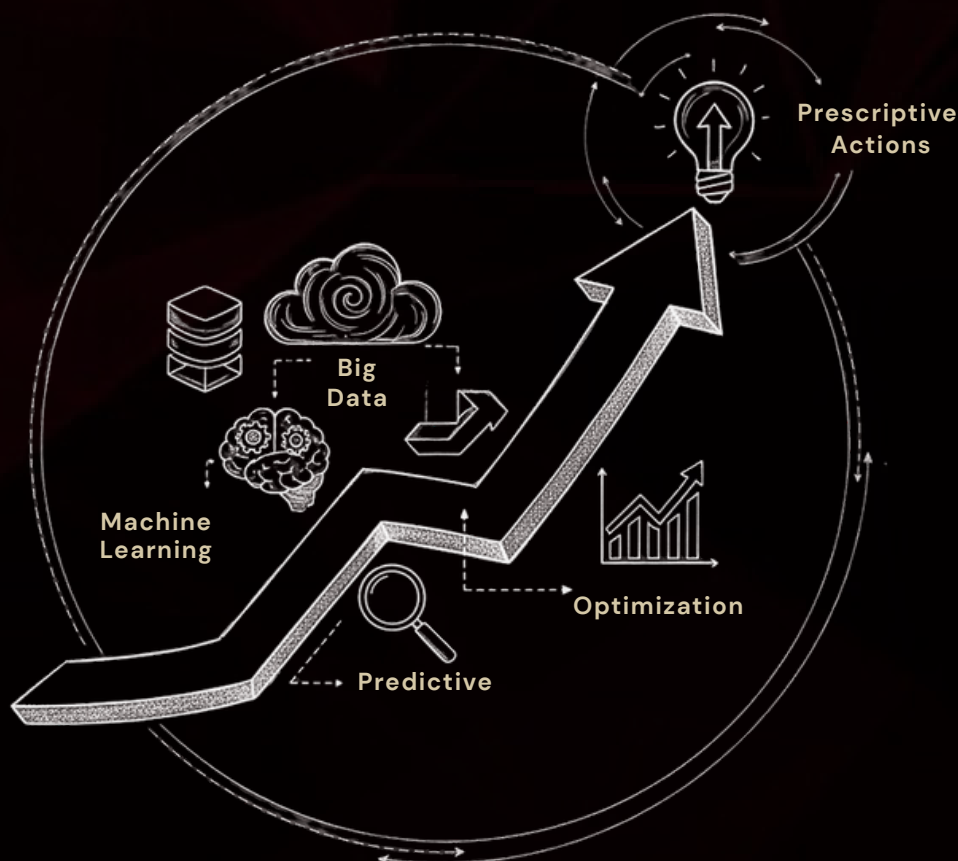
- Interactive dashboards and real-time reporting
- Customized BI solutions tailored to specific business needs
- Data visualization for executive and operational decision-makers
- Automated scheduled and adhoc report generation
- KPI monitoring and performance management frameworks
- Self-service BI enablement for non-technical users
- Mobile BI and Embedded Analytics in business applications



Advanced Analytics

It extends the capabilities of traditional analysis, leveraging sophisticated methods, algorithms, and tools to uncover hidden patterns and generate forward-looking insights from complex data sets. Our services enable organizations to predict trends, refine strategies, and solve business challenges with greater accuracy. With predictive modeling, AI-driven analysis, and deep data exploration, we help companies make smarter decisions in fast-changing markets.

- Predictive Analytics: forecasting future trends and outcomes using AI/ML
- Prescriptive Analytics: simulation and optimization to recommend actions
- Text and Sentiment Analysis: extracting insights from text data
- Cognitive Analytics: leveraging AI, ML, NLP for autonomous decision-making
- Data mining and Deep analytics: addressal of complex business questions
- Statistical modeling, clustering, segmentation, and anomaly detection



Data Foundations & Support

It comprises of the essential building blocks for successful analytics and intelligence initiatives. Our services address the core infrastructure, architecture, and best practices required to ensure all organizational data is secure, well-integrated, and readily available for analysis. With an established and robust data foundation, companies can ensure their analytics investments are scalable, reliable, and aligned with both current and future business objectives.

- Data Warehousing and Data Lake solutions for unified data management
- Data Integration, transformation, and migration support
- Cloud Data Modernization and Hybrid architectures
- Data Governance strategies supporting analytics-reliability and security

Tools & Technologies



Power BI



Tableau



Looker



Superset



Jaspersoft



Amazon
QuickSight



SSRS

CASE STUDY



Data Analytics and Reporting Solution

The client struggled to unify data from multiple systems, leading to fragmented reporting, delayed insights, and inconsistent decision-making across departments.

Scope of Work

End-to-end BI solution integrating diverse data sources and creating interactive, role-specific dashboards

Impact

Real-time visibility and streamlined reporting. Empowered stakeholders with accurate insights to drive efficiency, customer engagement, and data-driven strategies.

[CLICK HERE FOR SOLUTION](#)



CASE STUDY



Scaling MySQL Database with ProxySQL

MySQL couldn't handle the growing number of connections or queries as traffic to a platform surged, leading to slowdowns and limited high availability. Manual failover and single-instance scaling were no longer adequate.

Scope of Work

ProxySQL enabled better connection management, replication, and automated failovers.

Impact

The client achieved smoother failover, better throughput, and system resilience to support ongoing growth in traffic and user demand.

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CASE STUDY



BI Solutions for Telecom Infrastructure

There was a lack of unified visibility across various business verticals. Disparate data sources and insufficient reporting meant slow decision-making, low transparency, and operational inefficiencies.

Scope of Work

Comprehensive BI reporting was delivered. Closely worked with multiple internal stakeholders to model data, define KPIs, and deliver interactive, real-time visualizations tailored by business unit.

Impact

Solution drove transparency across departments, improved decision speed, and helped optimize costs and performance throughout the organization.

CLICK HERE FOR SOLUTION



CASE STUDY



Analytics & Reporting for Podcasts

Podcast platform lacked detailed insight into its content performance and user behavior. Decision-makers didn't have unified, filtered metrics for engagement, retention, purchase trends, or episode/channel performance over time.

Scope of Work

Interactive Power BI reports to allow filtering by time periods, slicing by episode, channel, user activity, retention, and revenue.

Impact

Better monitoring of content performance, improved user engagement, and data-driven planning – leading to clear visibility into revenue and retention trends.

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CASE STUDY



BI for Performance Management

A real-time reporting application was needed to do performance evaluation on incoming data, but lacked the system to generate timely, accurate reports for end users.

Scope of Work

Built a performance management reporting solution , enabling live dashboards and reports based on performance evaluation metrics.

Impact

Access to real-time performance reports led to informed decision-making, improved operational oversight and responsiveness.

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CASE STUDY



Jasper Reporting API

The need was for a reporting engine that could be embedded into any Java application, and generate multiple subreports that would both function individually and integrate into a main Jasper report.

Scope of Work

An API that supports both standalone execution of sub-reports and their seamless integration into a composite report.

Impact

A flexible, modular reporting engine they can embed into diverse Java applications. This enables better report reuse, simplified integration, and consistent reporting.

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Blog Library

Explore our collection of DE & BI blogs.
Real-world insights, best practices, and industry-specific solutions.

Click to explore:

Analytics in eCommerce

Demand Forecasting in Logistics

Real-time Stream Processing

DE for IoT

Our Distinction:

01 Specialization:

- Partnerships with leading cloud providers: Microsoft Azure, AWS, Google Cloud
- Emerging Tech: GenAI, AI/ML model integration, automation of analytics workflows
- MLOps & DevOps: Deployment, monitoring, and maintenance of ML models in production
- DataOps: Modern workflow acceleration through CI/CD for data.
- Domain Focus: Healthcare, Finserv, eCommerce, Logistics, Publishing

02 Value-Added Services:

- Trial engagement : evaluate fitment before long-term commitment
- Proof-of-Concepts: Low-risk pilots and analytics prototypes validating value before full-scale roll-out
- Managed Services & Support: continuous monitoring, managed dashboards, cloud cost optimization, rapid issue response
- User Enablement: Training programs, workshops, documentation to facilitate internal adoption

03 Compliance and Risk:

- Security certifications: ISO 27001:2022
- Regulatory alignment: Robust privacy protocols, regular IT security audits
- Risk management: Multi-factor authentication, background checks, NDA , business continuity planning
- Ongoing Compliance Audits: Regular assessments and reporting for client transparency and trust

Our Service Models



ENGAGEMENT

Dedicated Team

A fully committed team working exclusively on your project. You retain full control while we provide the expertise. Best suited for long-term projects requiring continuity.

Staff Augmentation / Extended Team

Leverage specialized talent that complements your in-house capabilities. Ideal when you need to fill skill gaps or scale your team quickly without long-term commitments..

Project-Based

We take complete ownership of delivery. A great choice for initiatives with clearly defined goals and timelines, especially when internal tech resources are limited or unavailable.

Others

ODC : Offshore Development Center

BOT : Build - Operate - Transfer



PRICING

- T&M
- Fixed Price
- Milestone Based

Client Testimonials

Hear directly from our clients on our quality, collaboration, and reliability. These testimonials reflect the trust and value we deliver through every engagement, across industries and project complexities.

"We were able to instantly on-board ultra-high quality QA engineers with low risk and high cooperation."

Erik Fogg



"They have been professional, conscientious, timely and strive to provide quality work."

Patrick Ashworth

"Mindfire's IT and project support team is fantastic, approachable, and always on tap for discussion and input."

Howie Jones





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