



ZONE3000

Making innovations work for you

Software development professionals devoted
to shaping your digital future

Confidential

What we can do for you

Our team consists of experienced tech professionals ready to ensure your project's success.



Team Augmentation

Software developers to enhance and bolster your internal teams.



Dedicated Teams

Dedicated cross-functional teams deployed according to your specifications.



Data Governance

All-in-one data management solution to drive your business forward.



Machine Learning

Deep Machine Learning proficiency to unlock AI transformative potential.



CloudOps

Cloud and DevOps experts to optimize your infrastructure and streamline operations.

Why ZONE3000

Since 1998, we've partnered with top-tier companies in hosting and domain registration. Our skilled Ukrainian teams have successfully delivered hundreds of projects, driving growth and boosting performance for our clients.

25+ years

of helping to change the way our customers do business

15 years

average duration of customer engagement

1 500+ candidates

interviewed annually

5 800+ candidates

added to our recruitment pipeline annually

2 400+

global technology experts delivering software innovation

16 offices & hubs

11,000 square meters of office space with physical access control and redundant IT infrastructure

500+ employees

Completed the company's annual intensive educational courses to enhance English or technical skills, ultimately benefiting our customers

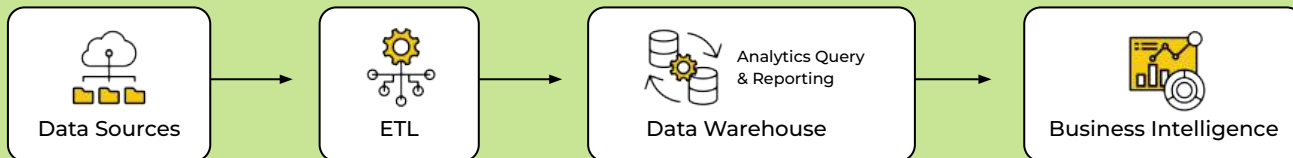
Data Governance



Is poor data visibility preventing you from making informed decisions and driving business growth?

Partner with us to streamline your data processes, accelerate project success and optimize costs.

We help you establish a **single source of truth** for your business data, design a **customized solution architecture** tailored to your **unique needs and security standards**, and provide **real-time access to business metrics** with flexible ETL and advanced visualization tools. Our regular analytics and dashboards empower you to make quick, informed decisions that drive success.



We provide

- Full Solution Delivery
- Project Management
- Sourcing and Recruitment
- Quality Management & Testing
- Requirements Gathering and Management
- Process Definition & Management



Data Governance

Core features



Comprehensive Data Analysis

Our Data Governance service empowers you to gain deep insights into your data using advanced analytics and visualization tools.



End-to-End Solution

We deliver end-to-end data solutions, from collection and integration to reporting and analysis, all customized to meet your unique needs.



Proactive Support and Maintenance

Our team offers proactive support and maintenance, ensuring your data systems run smoothly and efficiently.



High-Quality Data Management

We protect the security, accuracy and reliability of your data through rigorous governance and quality assurance processes.



Flexible Deployment Options

Our solutions can be deployed on-premise, in the cloud or in hybrid environments, giving you maximum flexibility and scalability.



Expertise in BI Technologies

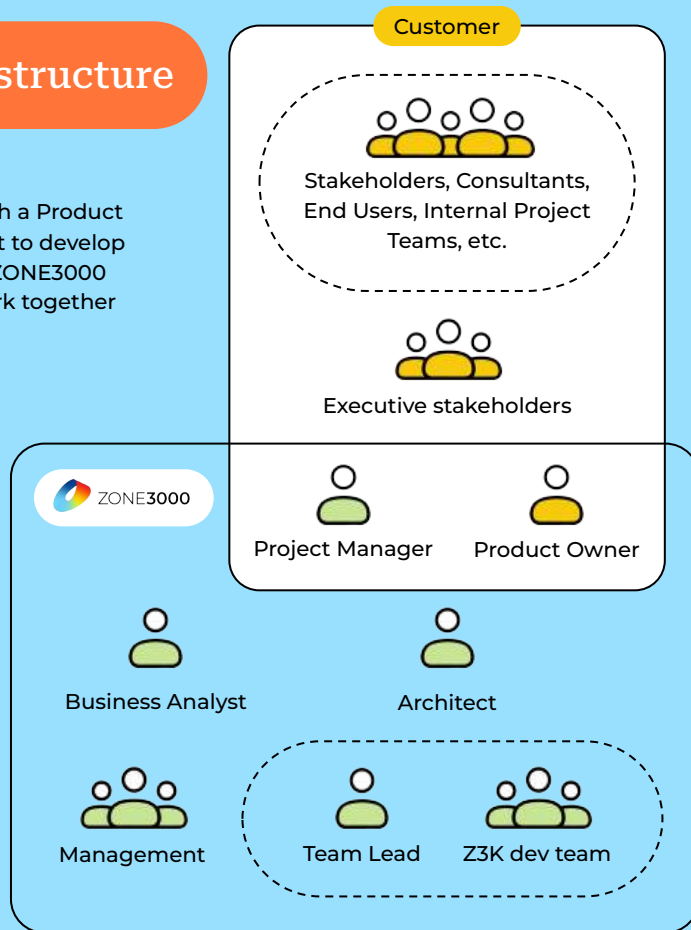
Our experts are skilled in various BI technologies, allowing us to recommend and implement the best solutions for your business.

Key roles and Team structure

Project Manager collaborates with a Product Owner, Business Analyst and Architect to develop the project strategy. Coordinates the ZONE3000 development team, ensuring they work together effectively toward a common goal.

Business Analyst works closely with a Product Owner to clarify and manage project requirements and details. Also maintains a prioritized list of tasks.

Team Lead keeps the team focused on delivering work items and meeting the iteration goals and commitments made to the Product Owner.

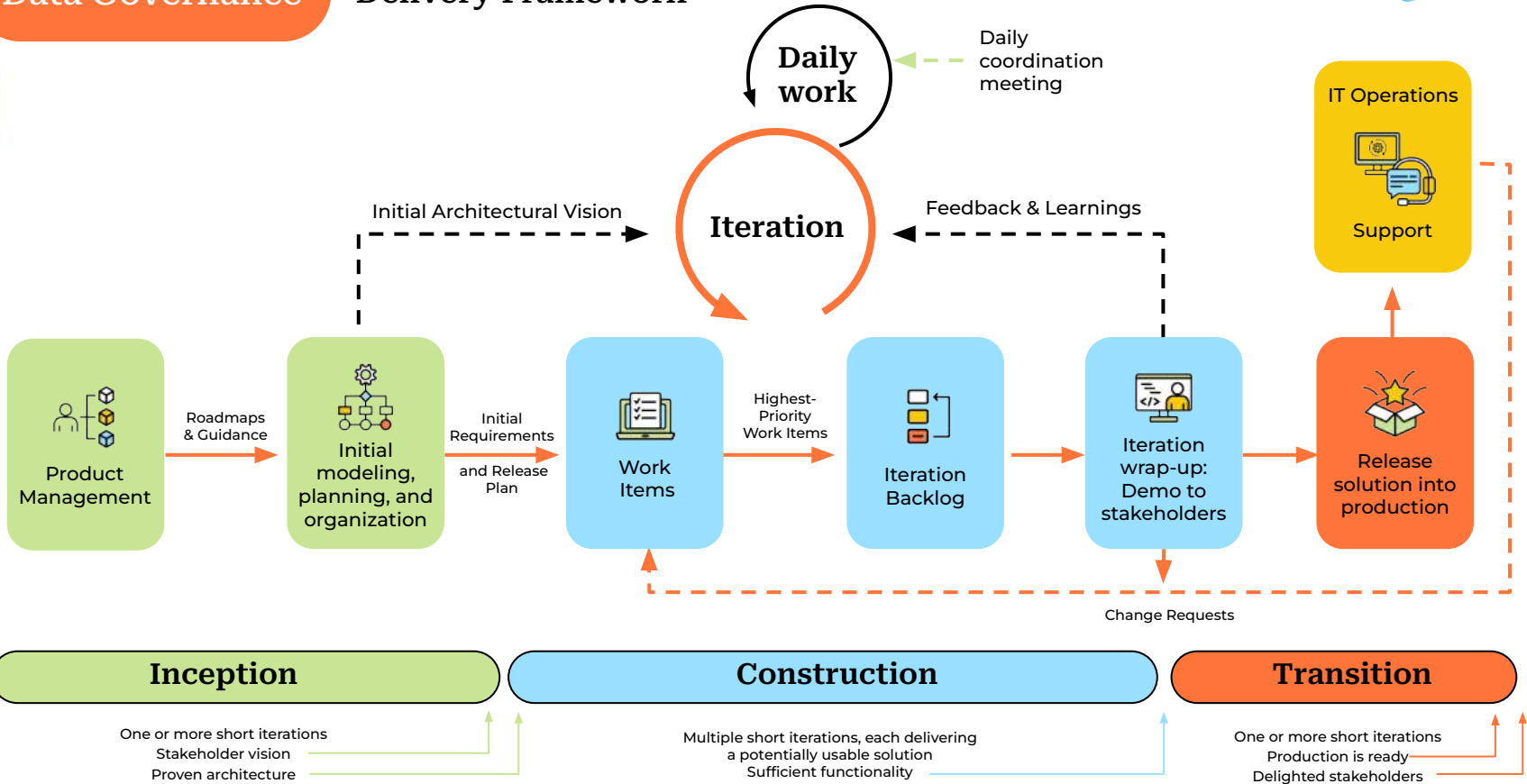


Executive stakeholders – individuals who are significantly impacted by the project's outcome.

Product Owner represents the stakeholders, ensuring the team has the information needed to meet commitments. Responsible for the product vision, managing the product scope (backlog) and setting priorities.

Architect oversees the overall architecture decisions and guides the creation and evolution of the project's design.

ZONE3000 dev team – team members responsible for creating the actual solution for stakeholders.



Data Governance Program

Challenges

The need to become a data driven company to make fast business decisions, required building one source of truth.

Establish standard data pipeline via flexible user-friendly ETL and visualizations via PowerBI. Provide real time access to business metrics and insight for all stakeholders.

Team and Staffing

5 people in the team:

Product Owner, Full Stack Developer, QA, 2 Data Engineers.

Budget

\$ 125k

Timeline

6 months

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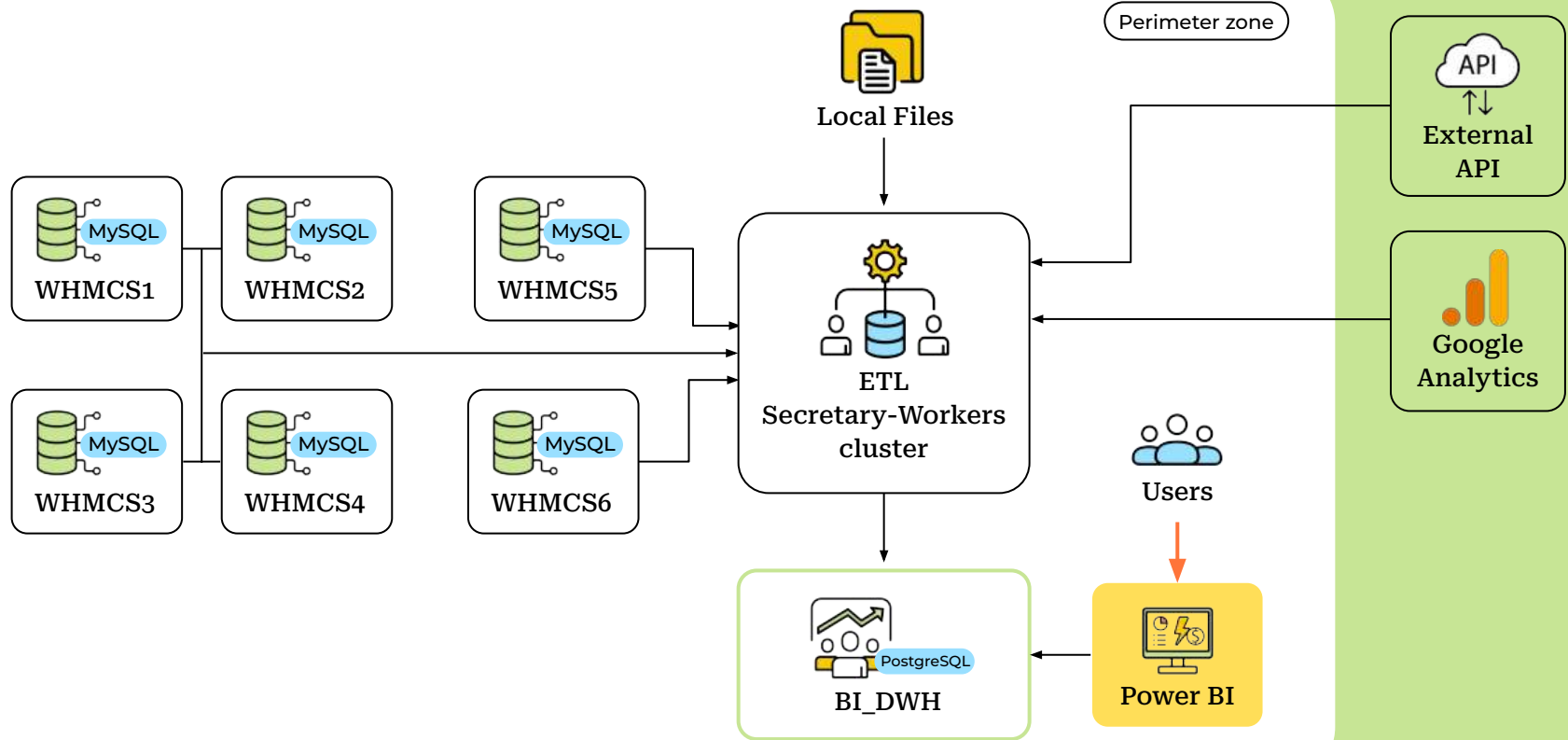
How we accomplished it

- Inventory and classification of data sources: internal and external databases, APIs, analytics platforms, CRM systems, local storage, and infrastructure components.
- Designing a robust solution architecture that fulfills client requirements while adhering to quality and security standards.
- Conducting stakeholder interviews to assess data analysis needs, identify gaps and pinpoint process inefficiencies.
- Developing a comprehensive data-source map, establishing interconnections and creating detailed tracking documentation.
- Implementing service infrastructure: data warehouse, management systems, worker nodes and ETL/BI tool deployment.
- Developing automated procedures for data aggregation and business metric calculations.
- Validating data against historical records, legacy systems and existing reports.
- Conducting load, stress and performance testing on data pipelines.
- Designing and deploying dynamic PowerBI and Data Studio dashboards with daily or real-time update.

Results



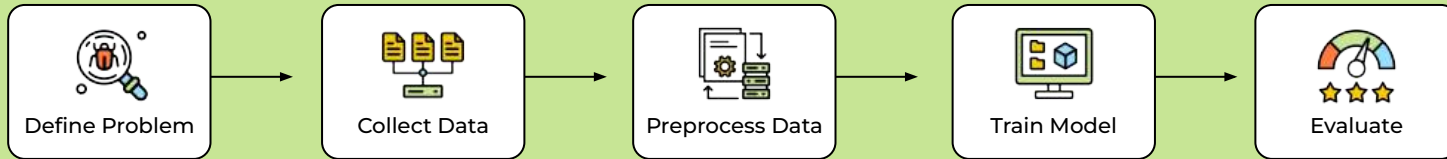
- Stable, zero downtime service of data processing and visualization.
- Documentation including: data map, metrics glossary + calculation methods, ETL service documentation and user guide for PowerBI / DataStudio.
- Full access and control of the servers / systems for the client.



Machine Learning

Discover **the next generation of ZONE3000's Machine Learning service**, specializing in building and training ML models from the ground up and customizing existing frameworks to deliver outstanding results. With our expertise and advanced technology, we enable businesses to fully leverage the power of ML, transforming operations and driving growth.

By choosing our services, you receive **tailored Machine Learning solutions designed to meet your specific business needs.**



We provide

- Full Solution Delivery
- Project Management
- Sourcing and Recruitment
- Quality Management & Testing
- Requirements Gathering and Management
- Process Definition & Management



Anti-spam service

Our comprehensive solution incorporates state-of-the-art technologies for effective spam detection and prevention. We leverage powerful Machine Learning models to analyze incoming data and accurately identify spam content, ensuring that your communication channels remain secure and your productivity is not compromised.



ML Violation Risk Score

Our advanced risk scoring system utilizes a rule-based approach and Machine Learning algorithms to assess the likelihood and severity of potential violations. By accurately quantifying risks, you can proactively address compliance issues, minimize legal liabilities and maintain a strong reputation in the market.



ML Social Engineering Prevention

Our advanced system utilizes Machine Learning models to detect and prevent social engineering attempts by analyzing communication patterns, identifying suspicious behaviors and providing real-time alerts.



ML Sentiment Analysis – Social Listening

By analyzing social media conversations and online content, our advanced algorithms can identify and understand sentiment trends, enabling you to gauge public opinion, measure brand perception, and make data-driven decisions to enhance your marketing strategies.



ML Fraud Detection

Robust system combines sophisticated Machine Learning models with comprehensive data analysis to identify and prevent fraudulent activities. By detecting anomalies and patterns indicative of fraud, you can safeguard your business, protect your customers' interests and minimize financial losses.



ML Help Center Search

Powerful search engine leverages natural language processing and advanced relevance estimation techniques to deliver highly accurate and contextually relevant search results. This enables your customers to quickly find the information they need, reducing support ticket volumes and enhancing overall customer satisfaction.



ML Russian Agitation Identification

Sophisticated models analyze textual data to identify indicators of agitation, ensuring the authenticity and credibility of your online content. By proactively addressing potential threats, you can maintain a trustworthy online presence and protect your brand reputation.



ML Autocomplete

Intelligent autocomplete system leverages advanced language models to provide accurate and contextually relevant suggestions as users type. By improving search efficiency and user experience, you can increase user engagement, drive conversions and boost customer satisfaction.



ML Segmentation solution

Innovative algorithms analyze your data to identify distinct customer segments based on their preferences, behaviors and demographics. By understanding your customers at a granular level, you can tailor your marketing efforts, personalize user experiences and maximize engagement, ultimately driving better business outcomes.



Churn Prediction

Advanced Machine Learning models analyze customer behavior, transaction history and other relevant data to identify potential churn risks. By proactively engaging at-risk customers and implementing retention strategies, you can reduce churn rates, improve customer loyalty and maximize revenue.



Reliability and Data Confidentiality

We prioritize the security and confidentiality of client data, offering reliable services that adhere to strict data protection measures.



Seamless Integration and Scalability

Our ML service seamlessly integrates with existing infrastructure and can scale to handle growing demands, ensuring a smooth implementation process.

Machine Learning Use Cases



ML Routing for Engagement Platform

Intelligent routing system utilizes innovative algorithms to match customers with the most appropriate channels or agents based on their needs and preferences. By providing seamless and personalized experiences, you can increase customer satisfaction, improve response times and foster long-term loyalty.



ML Product Recommendation Prediction

Advanced algorithms analyze customer preferences, purchase history and other relevant data to generate accurate and personalized product recommendations. By delivering tailored suggestions, you can increase cross-selling opportunities, improve customer satisfaction and drive revenue growth.



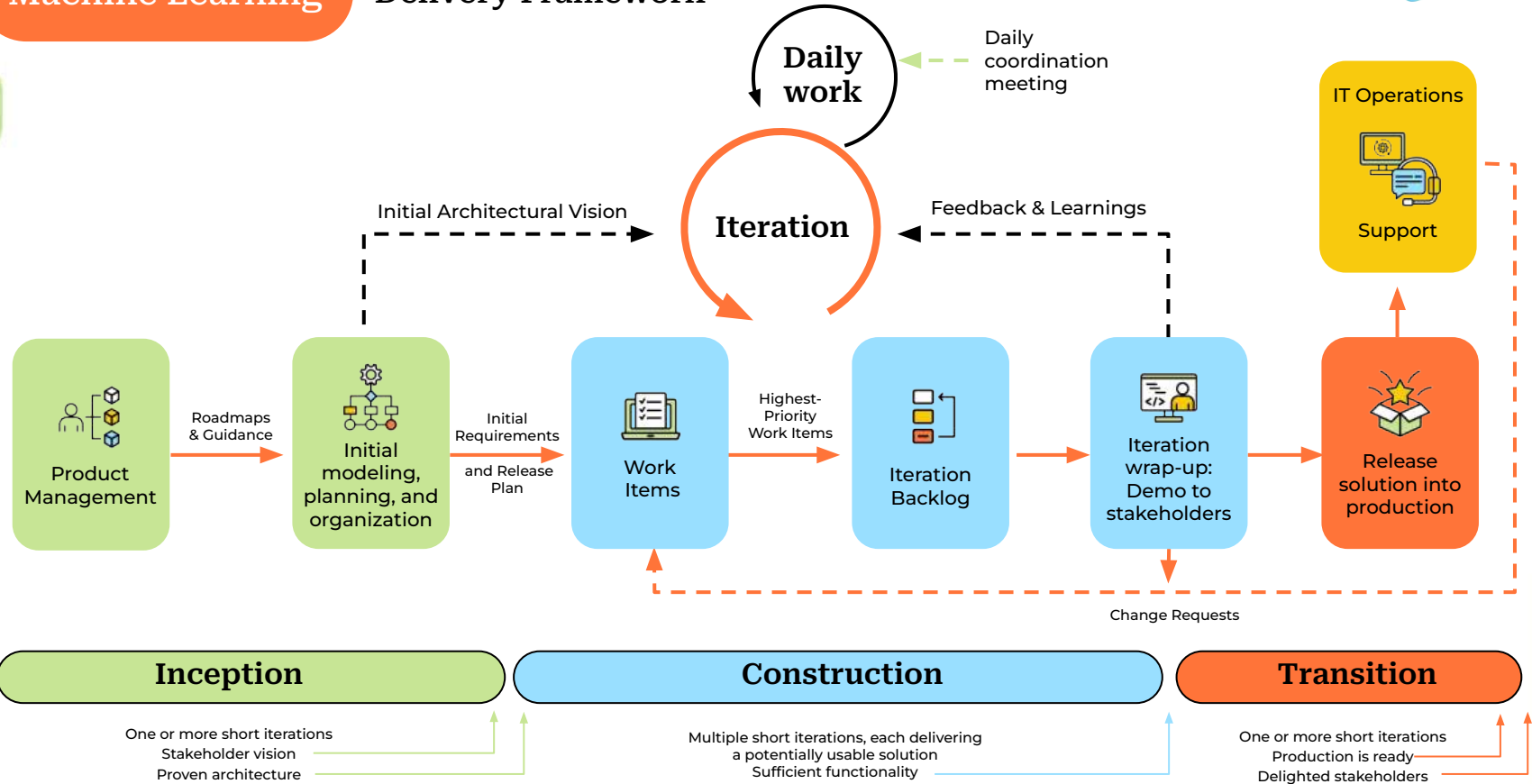
Advanced Algorithms and Technologies

Our ML service leverages state-of-the-art algorithms and technologies to deliver high accuracy and efficiency in model predictions.



Customization and Flexibility

We offer tailor-made solutions by creating models from scratch and customizing existing ones to meet the unique requirements of each client.



A fraud detection case study

Challenges

The need in robust fraud detection and prevention systems to mitigate financial penalties, protect business reputation, and minimize losses from fraudulent activities across major payment networks like VISA / Mastercard etc.

Team and Staffing

Product Owner, Full Stack Developer, 2 Data Engineers, QA, ML Engineer.

Budget

\$ 225k

Schedule

2-3 months

Preparation phase.

3-6 months

Execution and testing phase.

Confidential

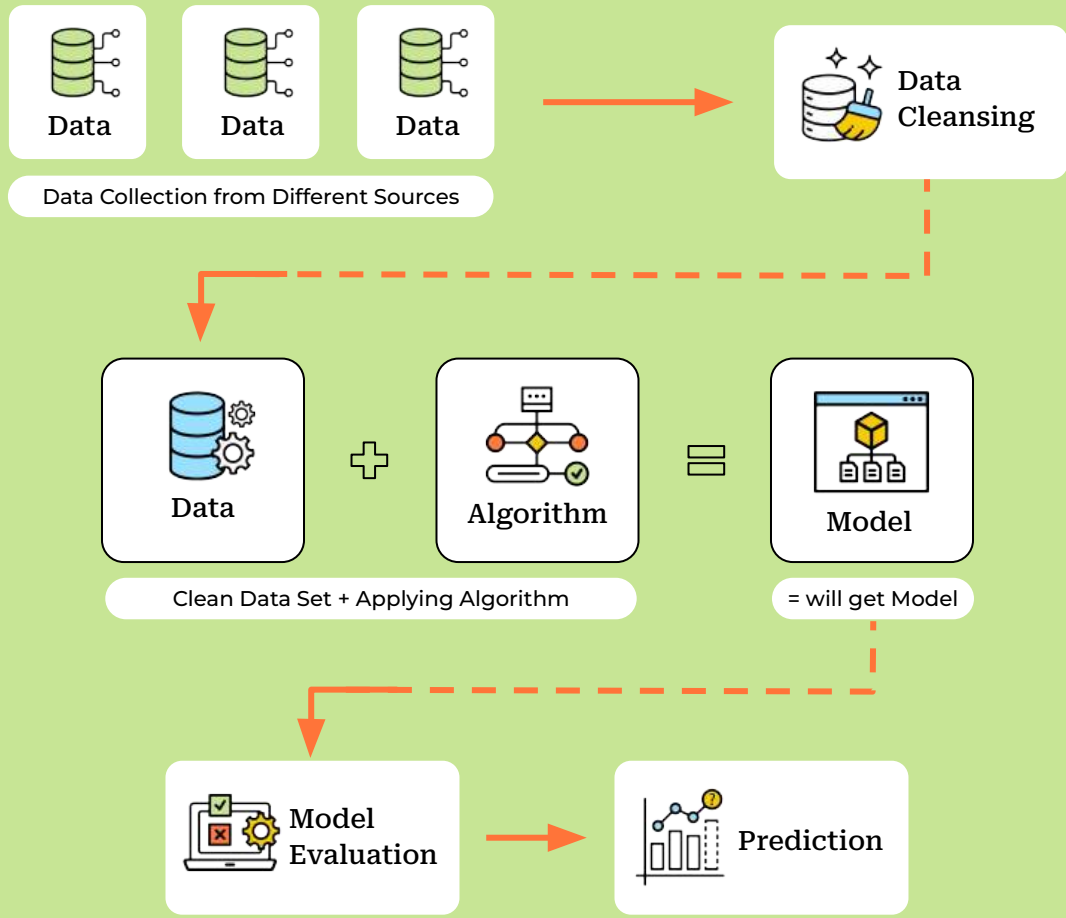
Our role

- Identify and specify key data sources and parameters for ML-based analysis.
- Develop and fine-tune a custom ML model tailored to unique business context and data characteristics.
- Optimize model performance to ensure high accuracy and stability, especially for edge cases.
- Design and implement a robust API for seamless integration and consumption of the ML service.

Results



- Delivered a highly reliable service with guaranteed zero downtime.
- Provided comprehensive documentation for customer use.
- Offered secure and efficient API access for the customer.





Let's keep in touch



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