



Transform Data Into Action

AI Feasibility & Proof of Concept



Who We Are



AltaML is a developer of artificial intelligence (AI)-powered solutions.

Working with organizations that want to use AI to leverage their data to develop solutions that drive tangible business results, AltaML empowers partners to create operational efficiency, reduce risks, and generate new sources of revenue.

Offices based in Edmonton, Calgary, Toronto, and Waterloo.

100+

Team Members

1/3

Of Our Team Holds
a PhD or Masters

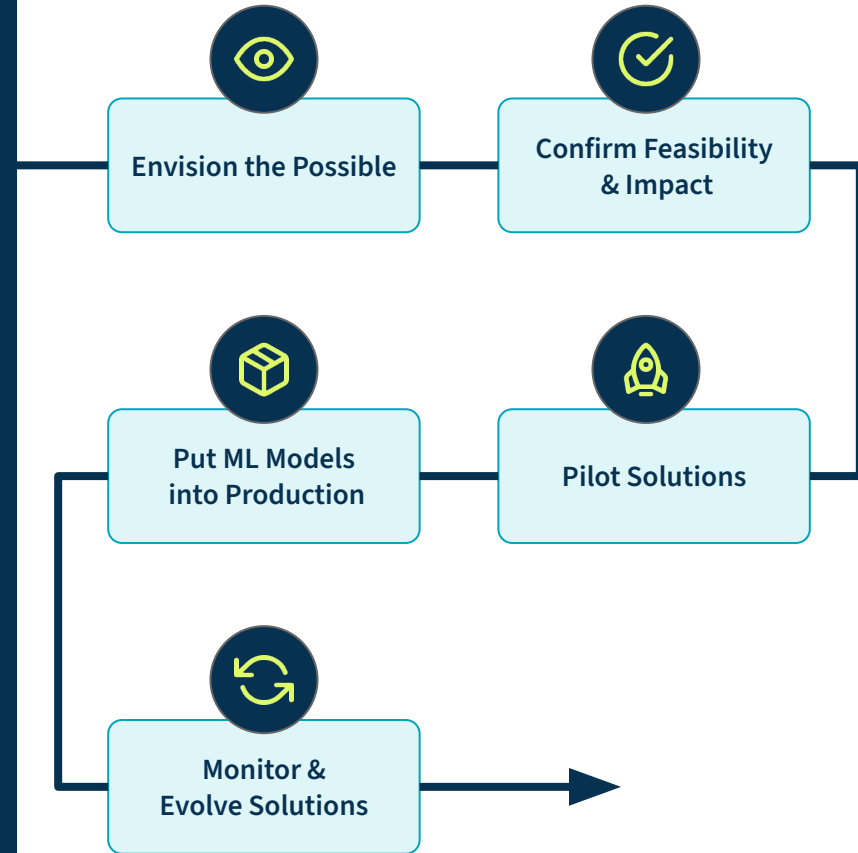
400+

Use Cases Developed

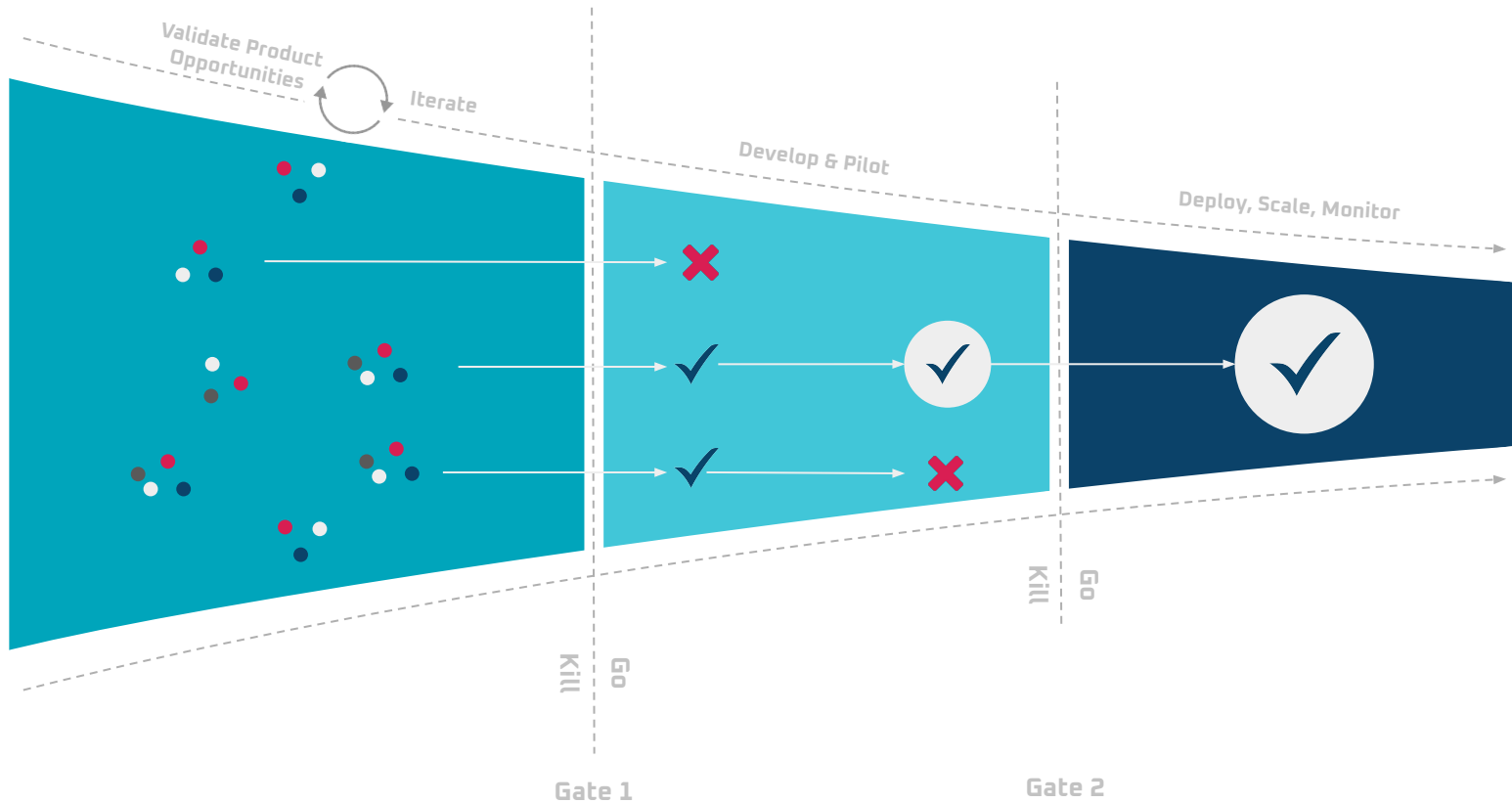
90+

Organizations
Using Our Solutions

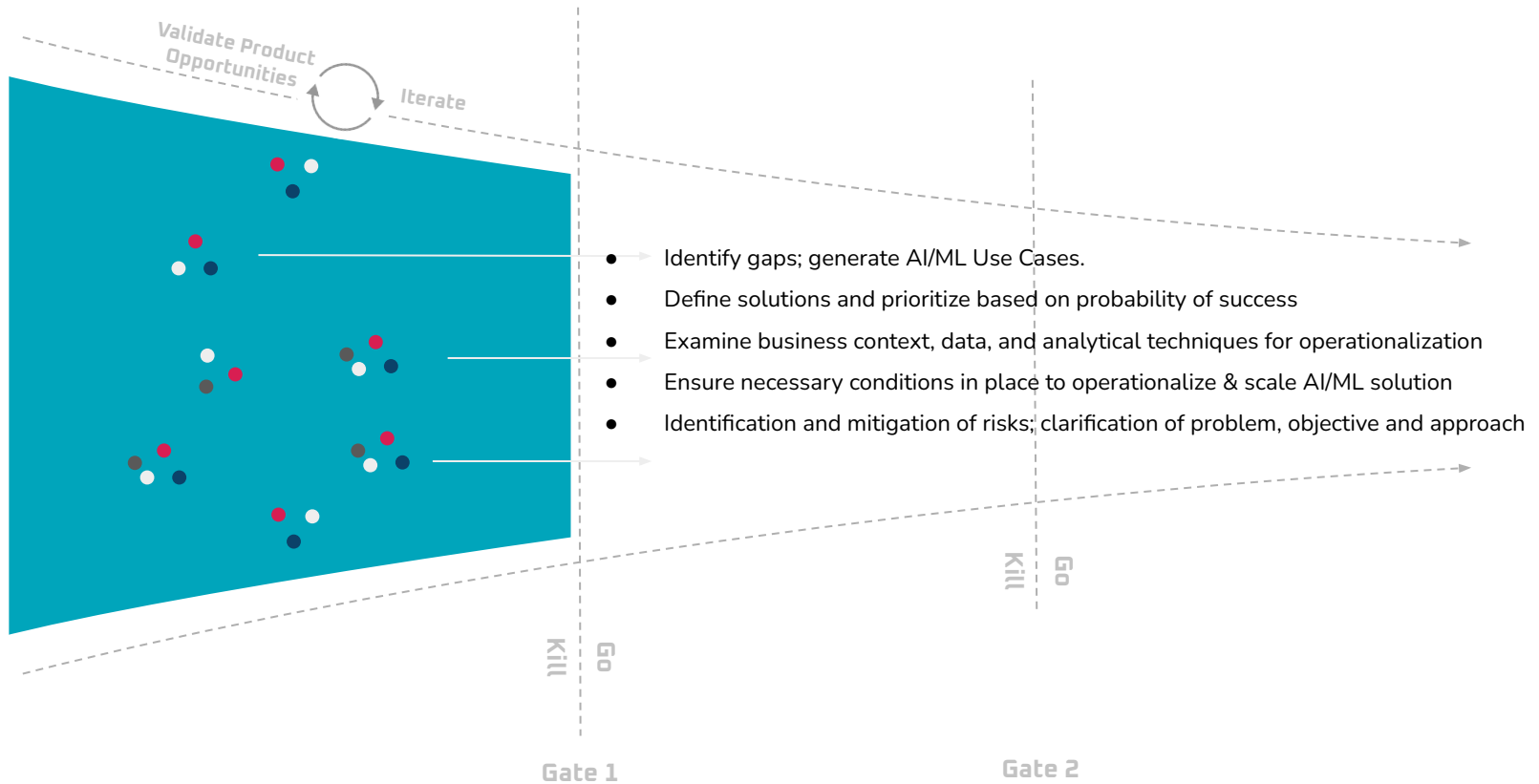
Our Applied AI Lab
Methodology
Encompasses the
Entire ML Life Cycle to
**Deploy Solutions
Faster & Smarter**



AltaML Applied AI Methodology



Ideation & Feasibility



Ideation & Feasibility

Planning for Success

What Makes a Strong Use Case?



BUSINESS CASE

Identify a clear business use case aligned to strategic objectives that creates ROI.



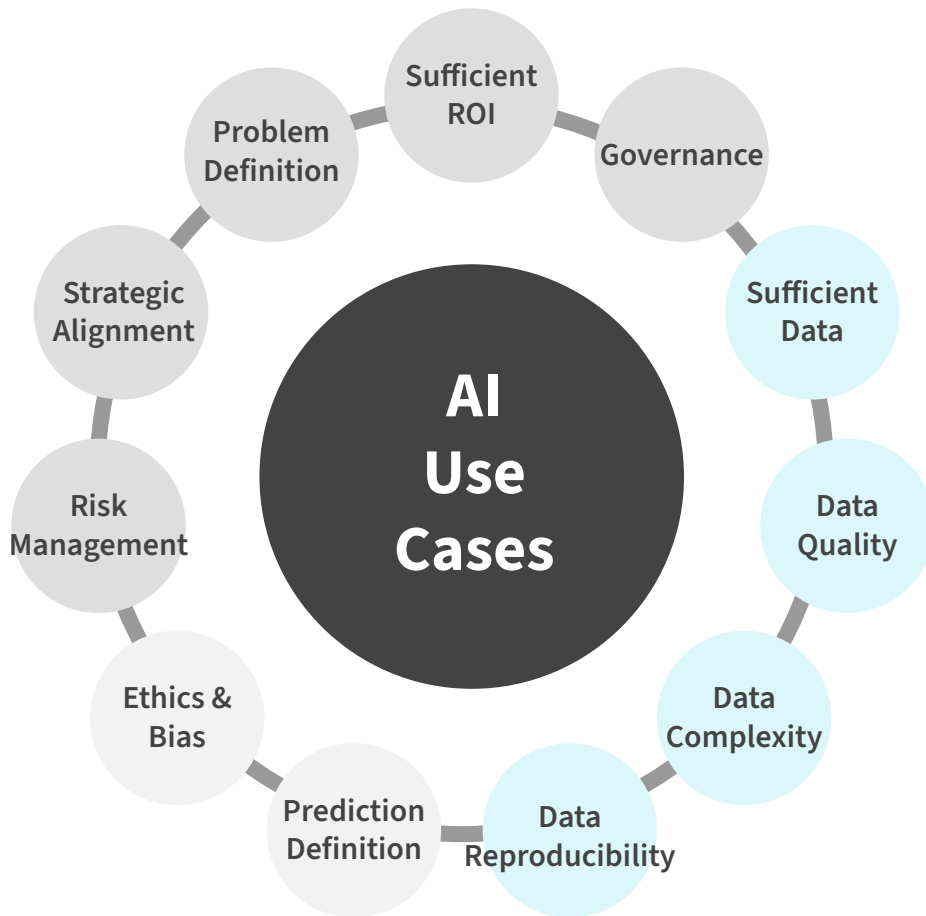
DATA

Quantity, quality, complexity, and reproducibility of data sets are key.



TECHNICAL FEASIBILITY

Understanding and defining the technical hypothesis.



Feasibility Assessment Criteria



Problem Definition

- Use case identification
- Business case definition
- ML problem definition
- Well-defined success metrics and KPIs



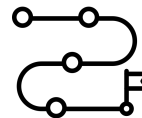
Governance

- Stakeholder identification
- Risk identification and mitigation strategies
- Well established governance structure
- Responsible AI
- Approvals



Data

- Data acquisition plan
- Data usage for model development
- Data sufficiency
- Data quality
- Data complexity



Strategy

- Strategic alignment with Organization's objectives
- Creation of business value
- Adoption



Technical

- Solution Architecture
- ML Approaches
- Complexity
- Performance metrics

PoC Development (Pilot not in scope)

Ideate



Feasibility



Experiment



Pilot

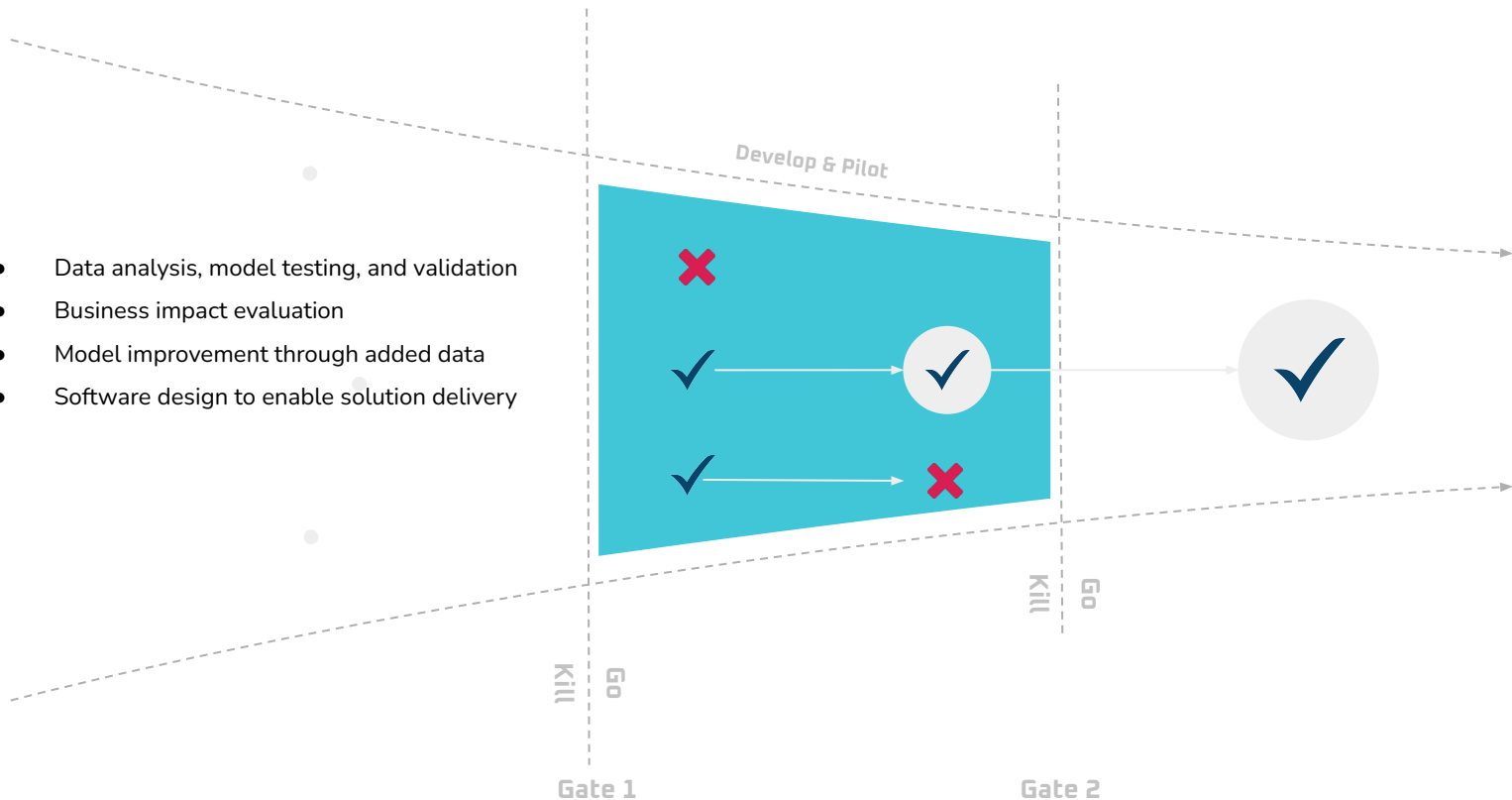


Operationalize



Monitor & Evolve

- Data analysis, model testing, and validation
- Business impact evaluation
- Model improvement through added data
- Software design to enable solution delivery



Services Catalog

Strategy and Education Build and Experiment

Support and Evolve

Strategy

- Company-Wide Strategy (Business)
- Data Strategy
- Technology Strategy
- AI Strategy

Education

- Board AI Education
- Company AI Education
- Executive Education
- Technical Education

Governance

- RAI Policies
- Privacy Policy
- Security Policy
- Data Governance

Talent

- Technical Talent Acquisition
- Technical Talent Training (Client/Ecosystem)

Stakeholder Engagement

- Opportunity Mapping
- Discovery and Requirements for Use Cases
- Project/Product Management
- Research (Solution)

Change Management

- User Training
- Communications Strategy
- Change Management
- Benefits Realization Management (ROI)

Testing

- Testing (Unit)
- Testing (Systems)
- Testing (User)

Security

- Security Design
- Security Implementation
- Security Certifications

Design and Development

- Solution Architecture
- Data Architecture
- Data Engineering
- Software Development
- ML Development
- Data Visualization
- System Integration
- ML Ops
- DevOps
- Security Architecture
- RAI Implementation

Infrastructure

- Data and AI Infrastructure
- Cloud and Security Infrastructure

Support

- Support Cloud & Infrastructure
- Support Requests
- Security Monitoring
- Support ML
- Support Data Infrastructure
- Compliance RAI
- Support Software (All Software)

Warranty

- AI Model Insurance

Thank You

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