

I1.02 - Conversational AI Integration for Crean and VIA Smart Factory

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Sponsor Intro

Crean Inc. is a leading engineering and consulting firm specializing in manufacturing solutions

Crean Inc. and ViA Smart Factory deliver smart manufacturing solutions for high-tech companies

ViA Smart Factory is designed to transform traditional manufacturing into data-driven, intelligent operations.

Project Overview

1. Automating consultant matchmaking.
2. Optimizing factory operations using AI for real-time monitoring.
3. Implementing marketing operations, for business expansion.

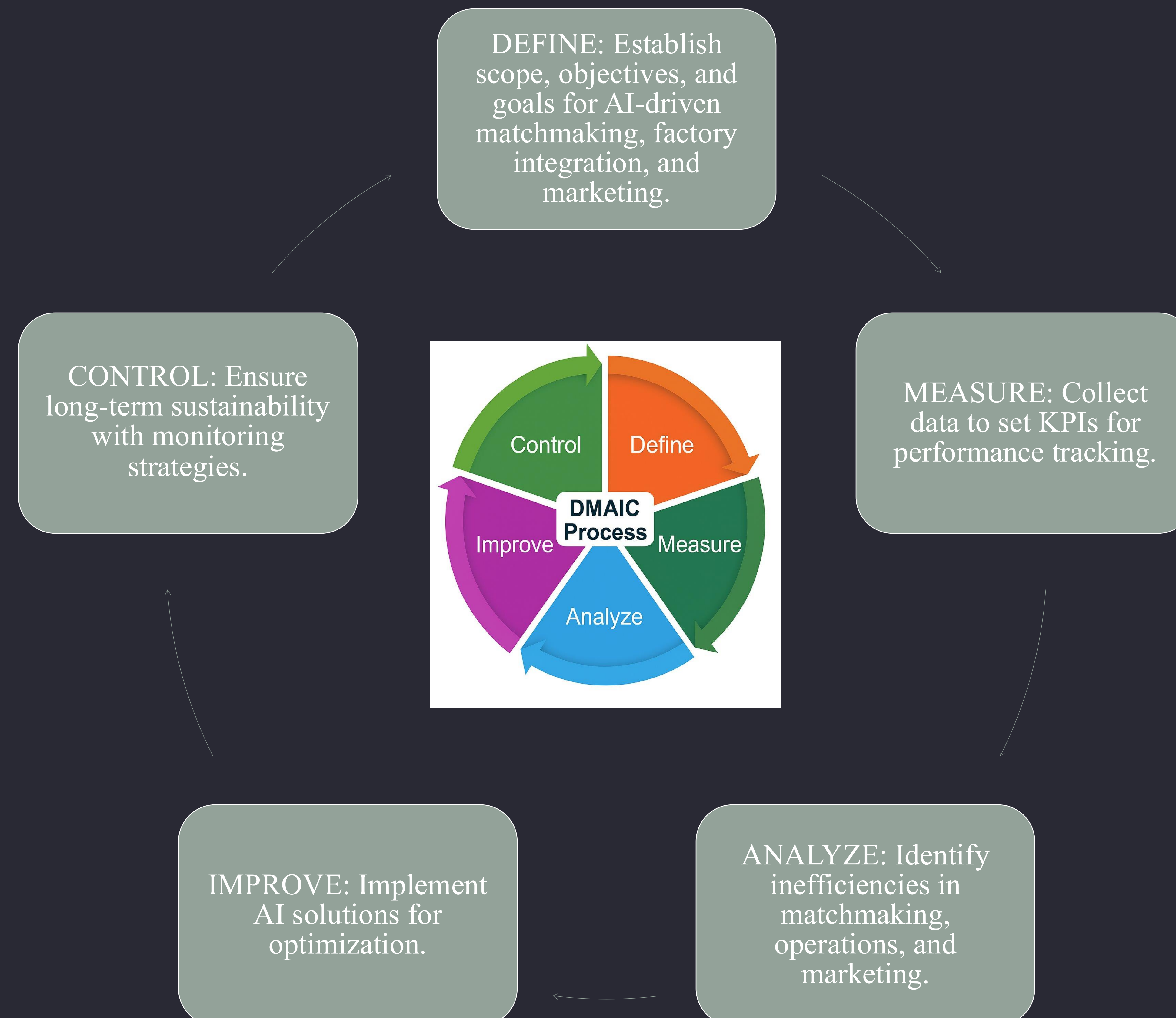
Problem Statement

- Inefficient consultant matchmaking
- Limited optimization of industrial processes
- Barriers to scaling operations
- Looking for expansion

Deliverables

- Consultant Matchmaking System:
 - Target: 85% accuracy, <5 min response time.
- Smart Factory AI Optimization:
 - Goal: 90% detection accuracy, 20% downtime reduction.
- AI Training & Documentation Suite:
 - Comprehensive solution including modular training, online workshops, technical manuals.
- Final Evaluation Report:
 - Performance metrics, feedback, and future recommendations.

DMAIC



Problem Objectives

- Optimize consultant matchmaking
- Enhance operational efficiency
- Improve AI driven decision making
- Ensure ethical AI Deployment
- Develop scalable AI training program

Future Plans

Define ideas and align with company needs, aiming for AI-driven initiatives optimistic launch in summer 2025 with sponsor feedback guiding adjustments.

Team Members



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