

Deploying AI

Introduction to AI Systems

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$ echo "Data Science Institute"
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Introduction

Agenda

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- What is an AI System?
- Use cases and planning an AI application
- The AI engineering Stack

Main Points

What is an AI System?

What is an AI System?

- Foundation models
 - Language models
 - Self-supervision
 - From language models to foundation models
- From foundation models to AI engineering

Foundation model use cases

- Coding
- Image and Video Production
- Writing
- Education
- Conversational Bots
- Information Aggregation
- Data Organization
- Workflow Automation

Planning an AI application

- Use Case Evaluation
- Setting Expectations
- Milestone Planning
- Maintenance

The AI engineering Stack

- Three layers of the AI Stack
- AI Engineering vs ML Engineering
- AI Engineering vs Full-Stack Engineering

References

References

- Huyen, Chip. Designing machine learning systems. O'Reilly Media, Inc., 2022