The 95% of AI Everyone is NOT Talking About

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INTENT

To explore AI beyond the confines of ChatGPT and Doomsday scenarios, with the aim of fostering conversation around ANI

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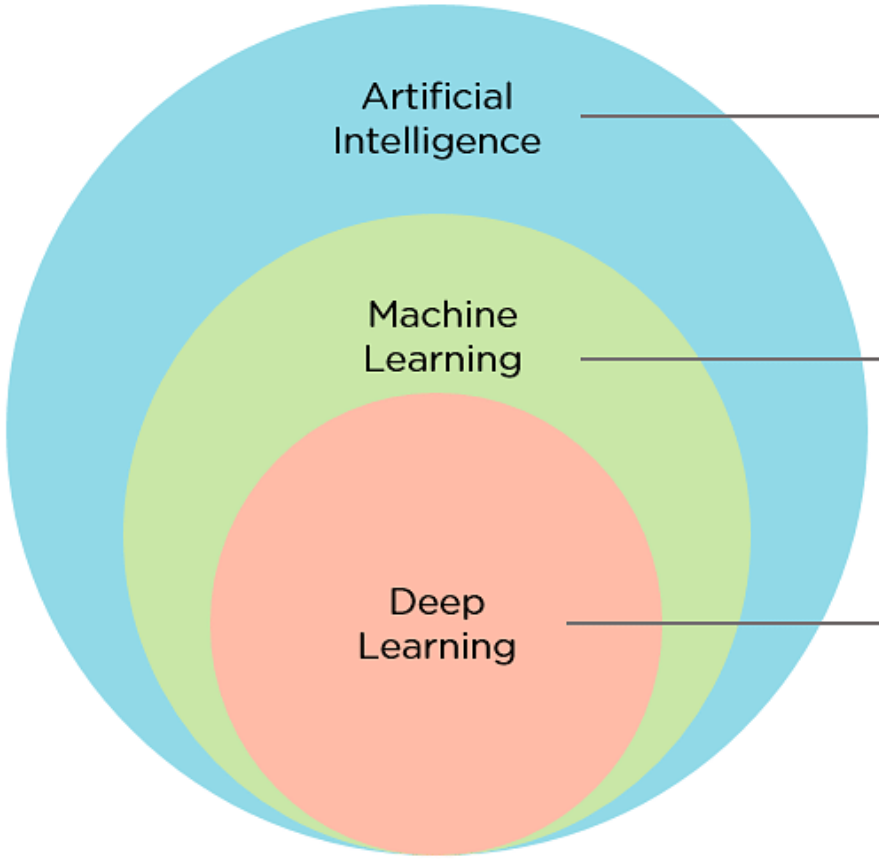
AI, ML, & Deep Learning



Ability of a machine to imitate intelligent human behavior

Application of AI that allows a system to automatically learn and improve from experience

Application of Machine Learning that uses complex algorithms and deep neural nets to train a model

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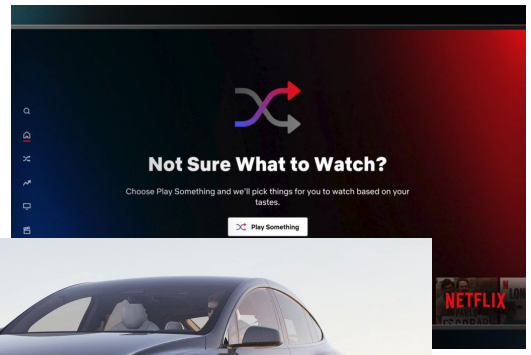
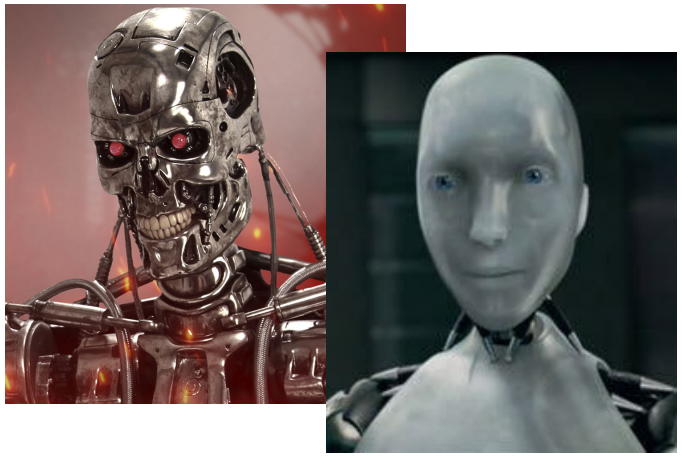
Terminology (aka boring slide)

A**NI** – Artificial **Narrow** Intelligence
A**GI** – Artificial **General** Intelligence
A**SI** – Artificial **Super** Intelligence





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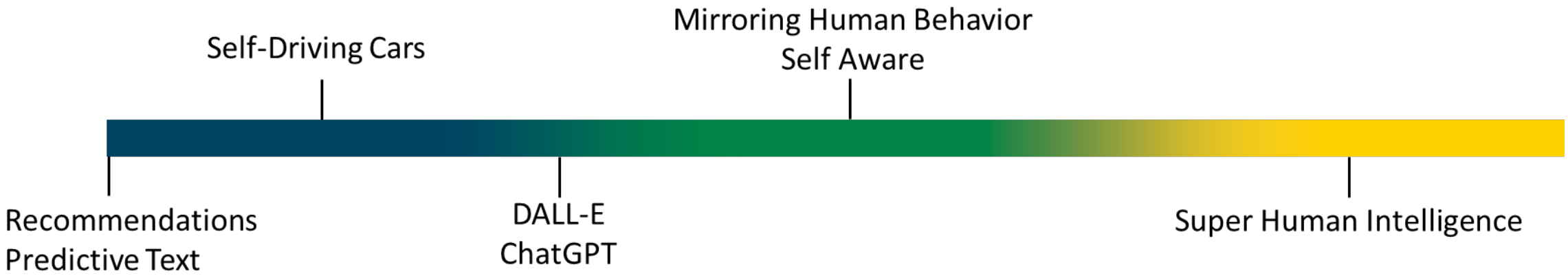
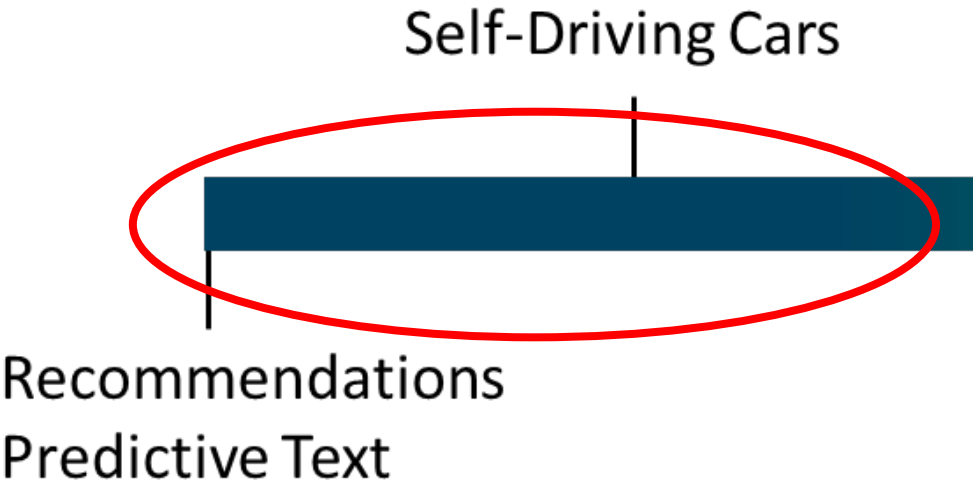
AI is a Spectrum



Focus



- Practical for most businesses
- Tractable
- Still has large potential in all industries

ChatGPT

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ChatGPT

- Operational Costs
  - Costs $700k a day or $100k a day depending on the source
  - Similar LLMs can cost ~100k-200k a month
- Training Costs
  - ~$4 million to train ChatGPT
  - LLaMA (Meta) ~2.4 million to train
- Data
  - 45 Terabytes of text data (before filtering)
  - ¼ of the entire Library of Congress

https://www.businessinsider.com/how-much-chatgpt-costs-openai-to-run-estimate-report-2023-4
https://www.ciocoverage.com/openais-chatgpt-reportedly-costs-100000-a-day-to-run/
https://www.cnbc.com/2023/03/13/chatgpt-and-generative-ai-are-booming-but-at-a-very-expensive-price.html
https://arxiv.org/pdf/2005.14165.pdf

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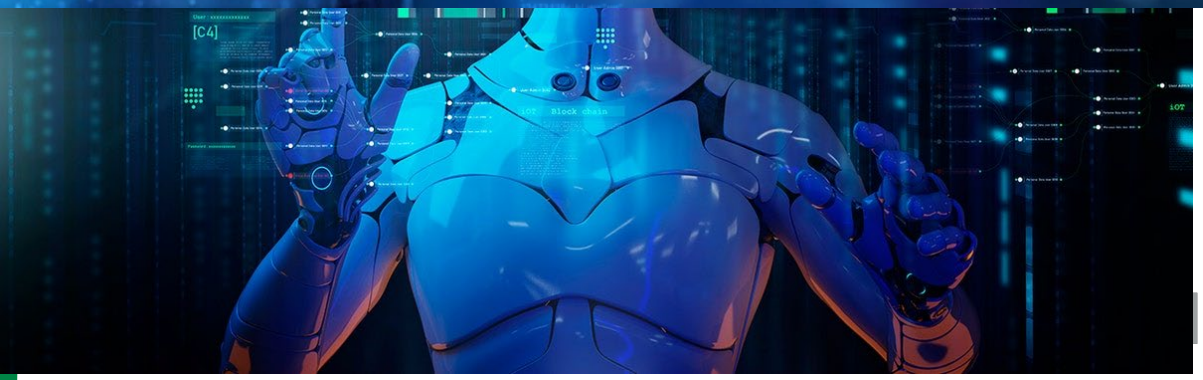
G7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What AI Really Looks Like

- Clear purpose and intent
- Standard build process
- Doesn’t cost much to implement
- Easier to maintain

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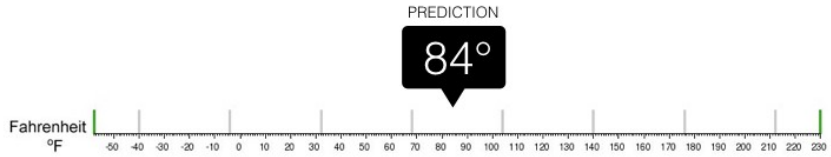
ANI Tasks

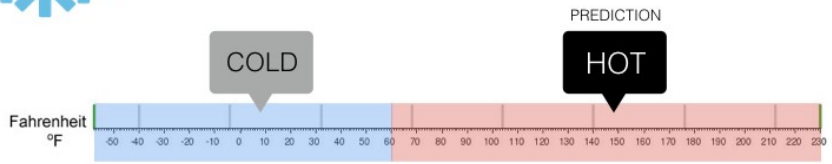
Regression

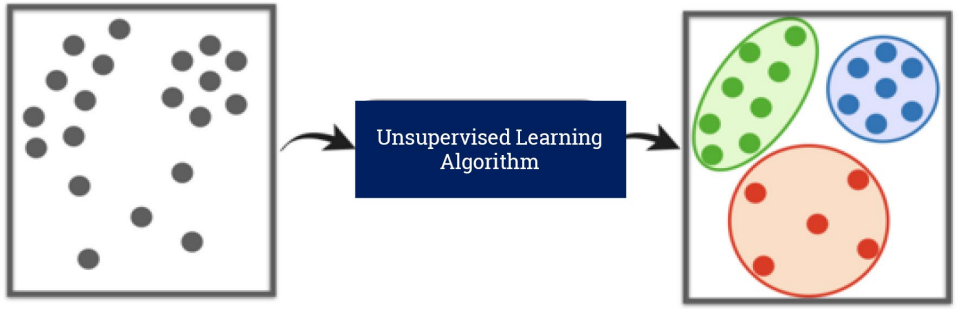
What is the temperature going to be tomorrow?

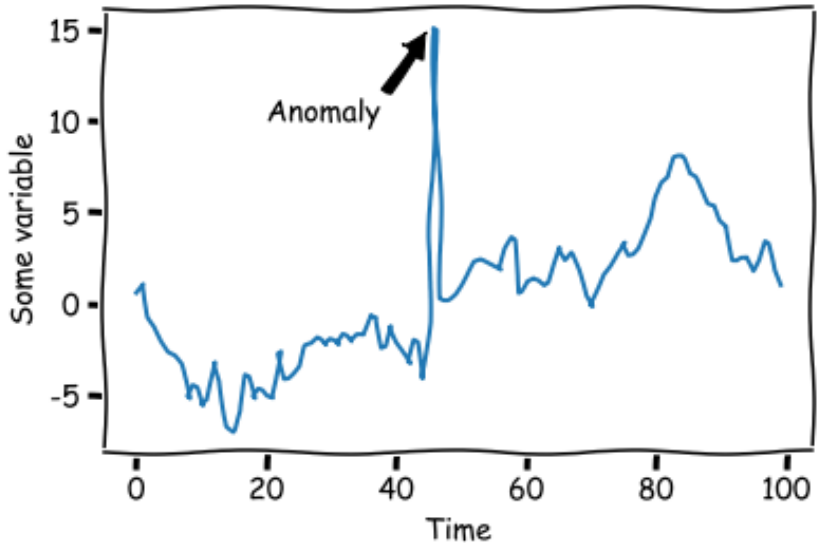


Classification

Will it be Cold or Hot tomorrow?







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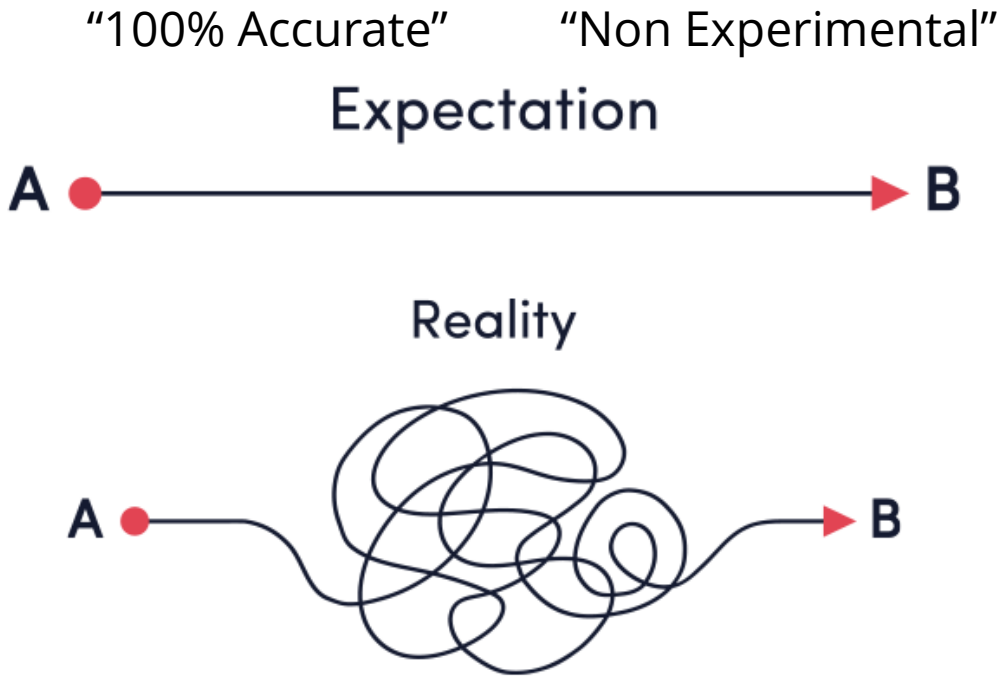
Case Study: DELCORA

- New for Everyone
- Experimentation on Problem Statement & Impact
- Identified Inefficiencies in Blower Operations
- Implemented Algorithm in Closed Environment
- ROI ~10% Aeration Energy Savings YoY

Steps to Promote ANI

- **Expectations**
- Plan
- Data



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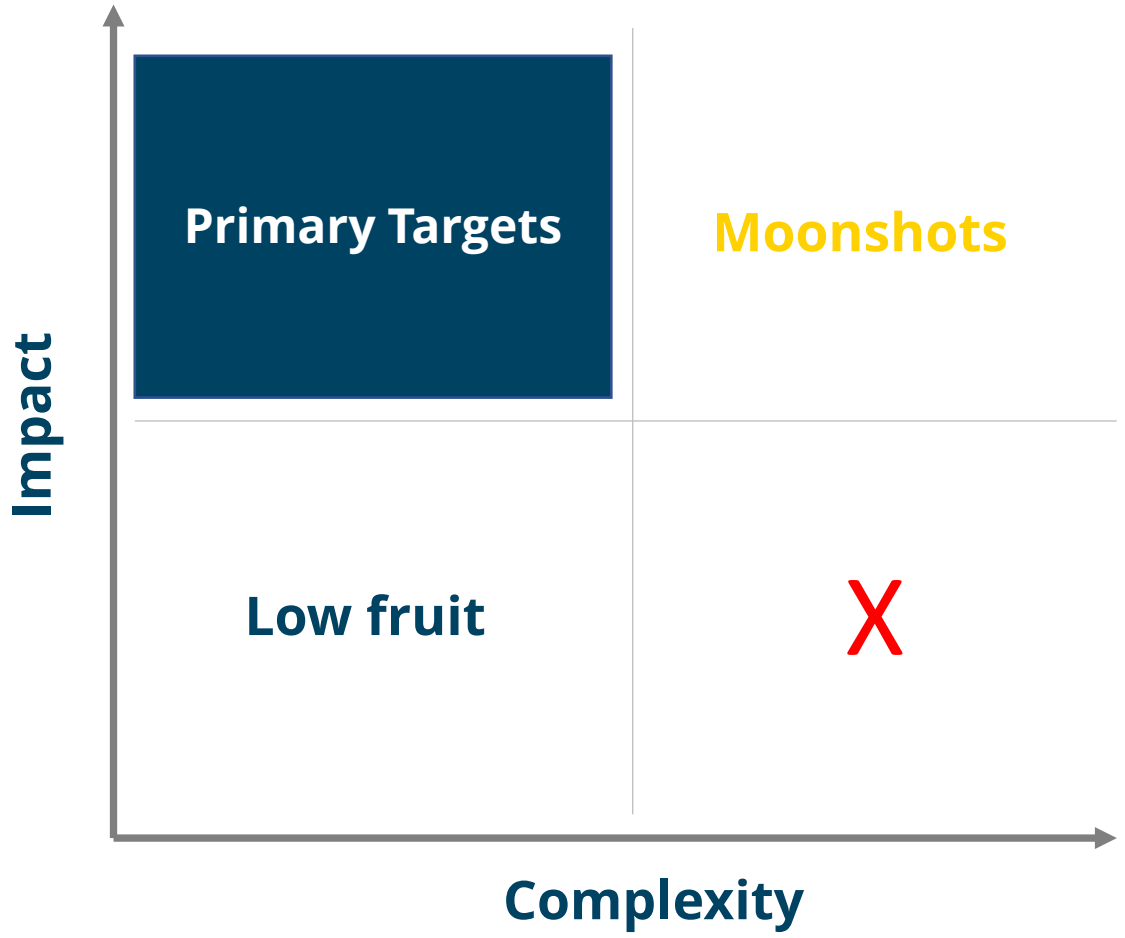

Steps to Promote ANI

- Expectations
- Plan
- **Data**

Think About A**N**I in Your Busi**N**ess

- Finance
- Cybersecurity
- Health Care
- Manufacturing
- Education

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Reach Out!

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Questions