Mostly Serious

HARNESSING ARTIFICIAL INTELLIGENCE

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Introduction

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Jarad Johnson

(he/him)

CEO

I’m obsessed with trying shiny new things.

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Consultants using AI **completed tasks 25.1% faster**, and produced **40% higher quality results** than those without.

Source: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4573321

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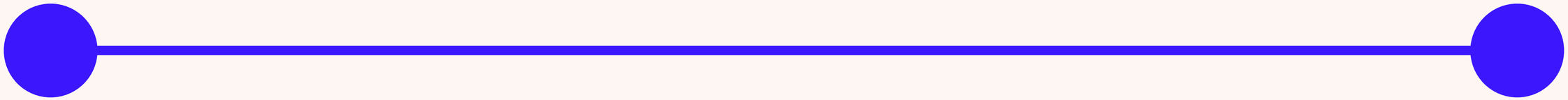
AI is overhyped

AI will take our jobs



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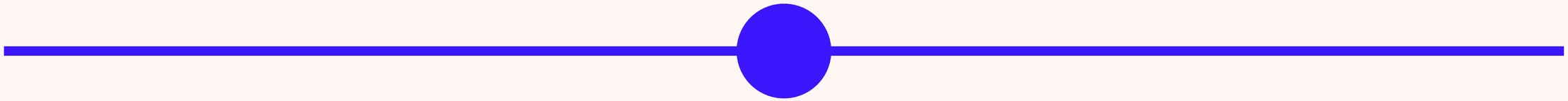
AI is a useful tool that does a lot of things well but also sucks pretty often.



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Goals for Today

What I hope we accomplish.

1. Make AI more approachable.
2. Gain a better understanding of how you and your teams can use AI.
3. Learn about the restrictions and limitations of using AI.

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Agenda

Here is what we're going to be doing today.

1. AI Foundations
2. How We Use AI at Mostly Serious
3. Q&A

AI Foundations

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Artificial Intelligence (AI) is a computer system that performs tasks that *typically require human intelligence.*

Categories of AI

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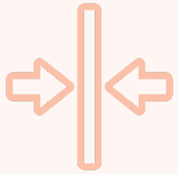
DATA-DRIVEN AI



NARROW AI

CONVERSATIONAL AI

CREATIVE AI

PREDICTIVE AI

GENERATIVE AI

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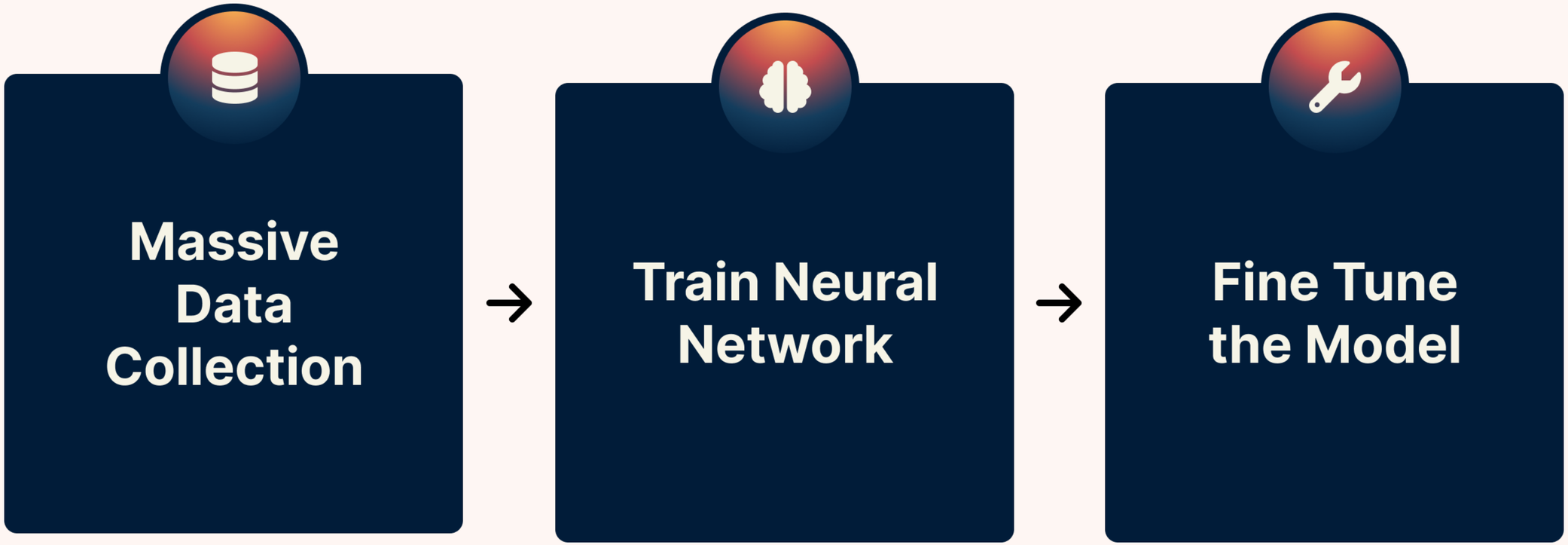
Exploring Generative AI

Breaking Down Gen AI



Breaking Down Gen AI

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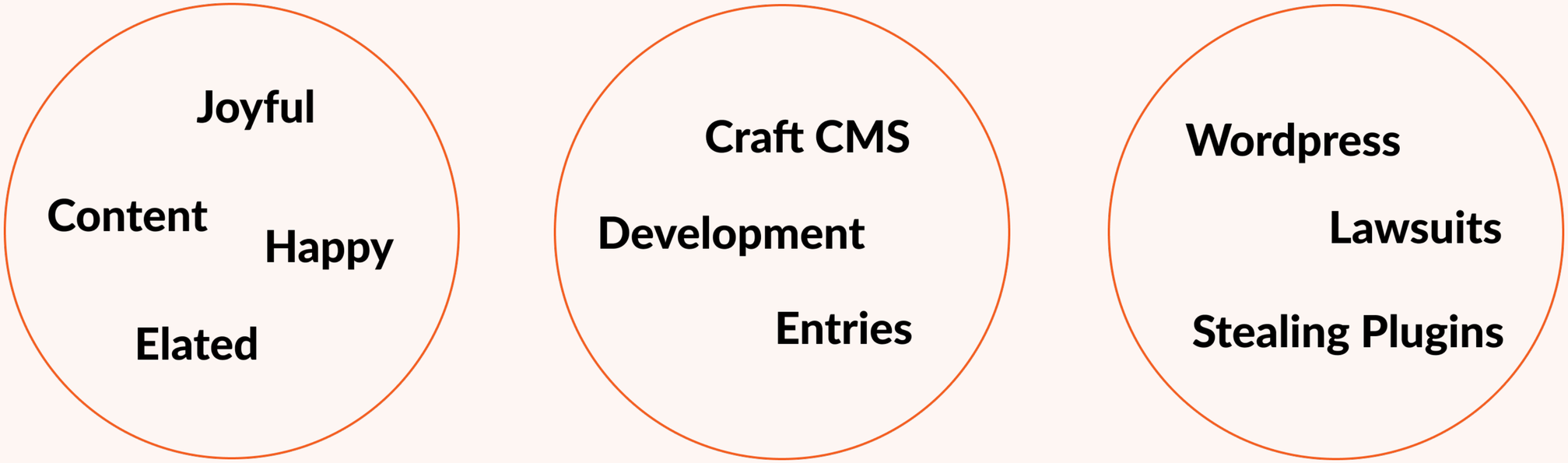


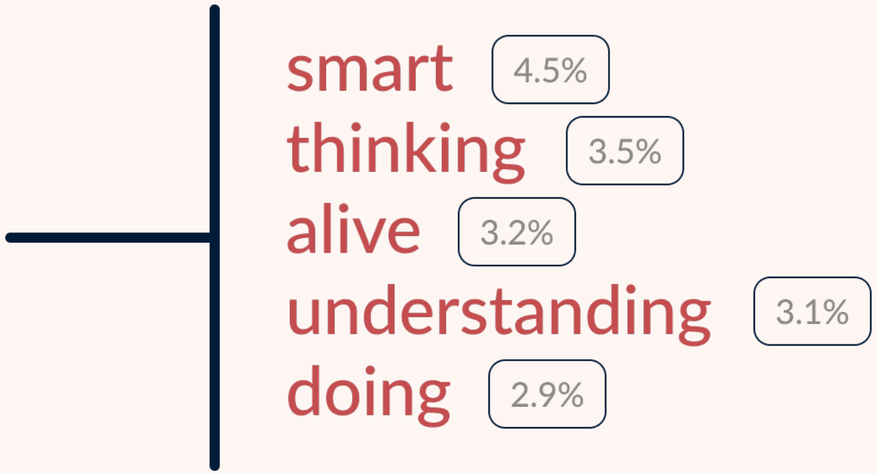
Breaking Down Gen AI

The **bank** was **flooded** after the heavy **rain**, so the town built a wall to prevent future flooding.

She **deposited** her paycheck at the **bank**, and then **withdrew** some cash the next day.

Breaking Down Gen AI

The amazing thing about LLMs is that they make you believe they are…



Companies, Platforms, & Models

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Companies

OpenAI

Google

Meta

ANTHROP\C

amazon

Platforms

OpenAI

Microsoft

Google

ANTHROP\C

ChatGPT

Copilot

Gemini

Claude

Models

ChatGPT

GPT-4o
o1-preview
o1-mini
GPT-4o-mini
GPT-4 (legacy)

Copilot

GPT-4
GPT-4 Turbo
GPT-4o

Unlike all other vendors, Microsoft does not disclose which model is actively being used to generate responses.

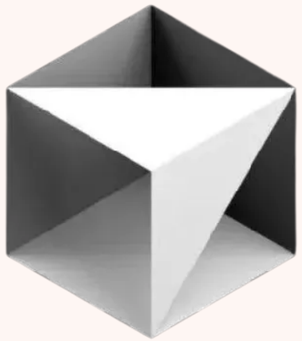
Gemini

1.5 Pro
1.5 Flash

Claude

Claude 3.5 Sonnet
Claude 3 Opus
Claude 3 Haiku

Tools



Prompting Techniques

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Effective Prompting

What are prompts and what do we need to know about them?

CONVERSATIONAL PROMPTING

AI tools are different than the search engines most of us are accustomed to using. Instead of abandoning a prompt when you don't get the result you want, keep the conversation going by providing feedback and additional context.

STRUCTURED PROMPTING

Structured prompts "front load" a large amount of information to AI tools, including roles, goals, step by step instructions, and constraints. Now you can build custom GPTs for your most common structured use cases.

Conversational Prompting

You

Develop a list of ideas for videos related to teamwork, psychological safety, and shared goals on teams.

ChatGPT

Creating a series of video content on teamwork, psychological safety, and shared goals can be a powerful way to engage an audience and foster a deeper understanding of these concepts in a professional environment. Here are some ideas that could be appealing and informative for your viewers:

1. **Team Building Case Studies**:
   - **Video Concept**: Showcase real-life case studies from different companies that have successfully built strong teams. Discuss the strategies used, challenges overcome, and the outcomes achieved.
   - **Objective**: To provide practical examples and inspire viewers to implement similar strategies in their own teams.
2. **Exploring Psychological Safety in the Workplace**:
   - **Video Concept**: Interviews with employees from various sectors who share their experiences with psychological safety at work. Include expert commentary on why psychological safety is crucial for team success.
   - **Objective**: To raise awareness about the importance of psychological safety and how it can be nurtured within teams.

Conversational Prompting

You

Thanks. Let's explore idea #7 in more detail. Create an outline for a 3 minute, talking head style video covering that topic.

ChatGPT

For a succinct yet informative 3-minute talking head video on feedback loops and continuous improvement within teams, it's essential to structure the content to maximize viewer engagement and information retention. Here's a detailed outline that could guide the creation of this video:

Video Title: "Enhancing Team Performance Through Effective Feedback Loops"

Introduction (30 seconds)

- **Greeting and Topic Introduction**: Briefly introduce yourself and the topic.
  - "Hi, I'm [Your Name], and today we're diving into how effective feedback loops can transform team performance."
- **Importance of Feedback**: Highlight the importance of feedback for continuous improvement in a team setting.
  - "Feedback is the backbone of continuous improvement and essential for a team's adaptability and growth."

Conversational Prompting

You

I'd like to open the video by posing a question to the viewer. List three attention catching questions I could ask.

ChatGPT

Opening your video with a compelling question is a great way to engage viewers right from the start. Here are three attention-catching questions you could use to open your video on feedback loops and continuous improvement:

1. **"Have you ever wondered how top-performing teams use feedback to stay ahead of the competition?"**
   - This question draws in viewers who are interested in competitive advantage and peak performance, setting the stage for discussing the impact of effective feedback.
2. **"Do you know how your team can transform everyday feedback into a powerful tool for growth?"**
   - This question focuses on the transformative power of feedback, appealing to viewers interested in personal and team development.
3. **"What if I told you that the secret to improving your team's efficiency could be as simple as changing how you give feedback?"**
   - This question introduces the idea of a simple yet profound change, sparking curiosity about the practical steps that can be taken to improve team dynamics through feedback.

Structured Prompting

You are an HR manager with a knack for designing innovative employee onboarding programs. Today you'll design a program for a new software development team in your company. The program should aim to integrate new employees into the company culture, provide essential training on company tools and processes, and ensure a smooth transition into their respective roles. Your task is to outline a detailed plan for this onboarding program.

- **Welcome Session:** Outline activities for a welcome session that introduces new hires to the company culture and core values.
- **Training Modules:** List and describe training modules that cover necessary software tools, company processes, and compliance requirements.
- **Team Integration:** Suggest methods for facilitating integration with the existing team members and other departments.
- **Feedback Mechanism:** Propose a system for collecting feedback from new hires on the onboarding process to continuously improve it.

Ensure the plan is well-structured, easy to follow, and engaging. The tone should be positive and welcoming. Do you understand?

Structured Prompting

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1. Context
2. Task
3. Instruction
4. Clarify

How We're Using AI

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https://bit.ly/craft-ai

Thank you!