Alpha Presentation
Artificial Intelligence (AI) Learning Course

The Capstone Experience

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Project Overview

• Required training course for HAP employees
• Simplify AI learning with a 30 minute web-based course covering AI basics, tailored for all technical levels
• Integrate an interactive AI character for engaging content delivery and adaptive Q & A
System Architecture
Landing Page

Welcome to HAP’s Artificial Intelligence Course
Embark on a journey to discover, learn, and master the fascinating world of Artificial Intelligence

What You’ll Learn
Dive deep into machine learning algorithms, neural networks, and cutting-edge AI technologies. Gain hands-on experience through practical projects, and unlock the potential to create intelligent systems.

Why Choose Our AI Course?
Our course is designed to make AI accessible to everyone. Whether you're a beginner or an experienced developer, our engaging content, interactive exercises, and expert guidance will empower you to harness the true power of AI.

Get Started Today
Join our AI community and embark on a transformative learning journey. Start your exploration into the world of Artificial Intelligence with confidence and excitement.

Start Now
Module One

Module 1
Language Models

Chapter 1: Introducing Language Models
What are Language Models?
Language models are like smart friends for computers—they help them understand and predict human language. You know when your phone suggests the next word as you type? That’s a simple version of what a language model does. It’s like a helper that guesses what words might come next in a sentence, making it easier for computers to understand what you’re saying.

Applications of Language Models
Language models are used in lots of everyday things, like texting, searching the internet, or talking to virtual assistants. They make our lives easier by predicting what we’re trying to say or helping us find information faster. Whether it’s completing your sentences or translating languages, language models are the behind-the-scenes helpers making it all happen.

How Language Models Predict Text
Ever wondered how your phone knows what word to suggest next? Language models use clever tricks to figure it out. They analyze lots of examples of text to understand patterns and relationships between words. By doing this, they can make educated guesses about what word might come next in a sentence, making them sound more like a human.

Language Models in Everyday Life
You might not realize it, but language models are all around us, making our digital lives smoother and more efficient. From auto-complete suggestions on your phone to voice commands with virtual assistants like Siri or Alexa, these models help us communicate with technology in a way that feels natural and intuitive.
Quiz Three

Module 3
Exploring Advanced AI Models

Mini Quiz
Test your knowledge on advanced AI models with this quick quiz:

Q1: Which Large Language Model is known for its ability to write essays, poems, and engage in conversations?
- PaLM by Google
- Claude by Anthropic
- BERT by Google
- GPT by OpenAI

Q2: Which model is particularly noted for its reasoning abilities and math skills?
- PaLM by Google
- Claude by Anthropic
- BERT by Google
- Llama by Meta

Q3: Claude by Anthropic is designed to follow specific writing styles and instructions. What is one of its weaknesses?
- Generating creative content
- Understanding and writing in multiple languages
- Struggling with very technical topics
- Performing mathematical operations

Q4: Which model is celebrated for its multilingual capabilities and creativity in text generation?
- PaLM by Google
- Claude by Anthropic
- BERT by Google
- Llama by Meta

Q5: BERT by Google is great at understanding language context and nuances. What type of tasks is it especially useful for?
- Writing poems and stories

Ask Me Anything
I am struggling with question three. Can you please help me?

Certainly! Claude by Anthropic is designed to follow specific writing styles and instructions, but one of its weaknesses is struggling with very technical topics. This means it may have difficulty generating content that requires deep technical knowledge or understanding.

Awesome! Thank you!
You're welcome! Happy to help!
Games Page
What’s left to do?

• Add final quiz
• Lock Modules
• Finish resource & quiz page from landing screen
• Create extension(s) of project
  ▪ Add more games
  ▪ Certification of class
  ▪ AI playground
Questions?