



AI PROMPT ENGINEERING



Visit Our Website

www.theomnilearn.com



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Our Company

- ❖ **Global Excellence**

Leading digital career enhancement across the globe.

- ❖ **Rigorous Training**

Dive into our programs for comprehensive and customised training, personalised project support and career counselling.

- ❖ **Empowering Millions**

Transforming lives with practical knowledge for professional success.

- ❖ **Globally Recognized Expertise**

Join us for industry-recognized excellence in the digital era.



Course Description

Unlock the full potential of AI by mastering the art and science of prompt engineering. This course equips you with the skills to craft, refine, and optimize prompts that drive powerful outputs from AI tools like ChatGPT, Claude, Gemini, and other large language models (LLMs). Whether you are a professional, educator, marketer, developer, or content creator, this course will transform the way you communicate with AI and automate complex tasks with precision. Learn to use prompts for writing, research, coding, business strategy, and more—all through hands-on projects and real-world case studies.

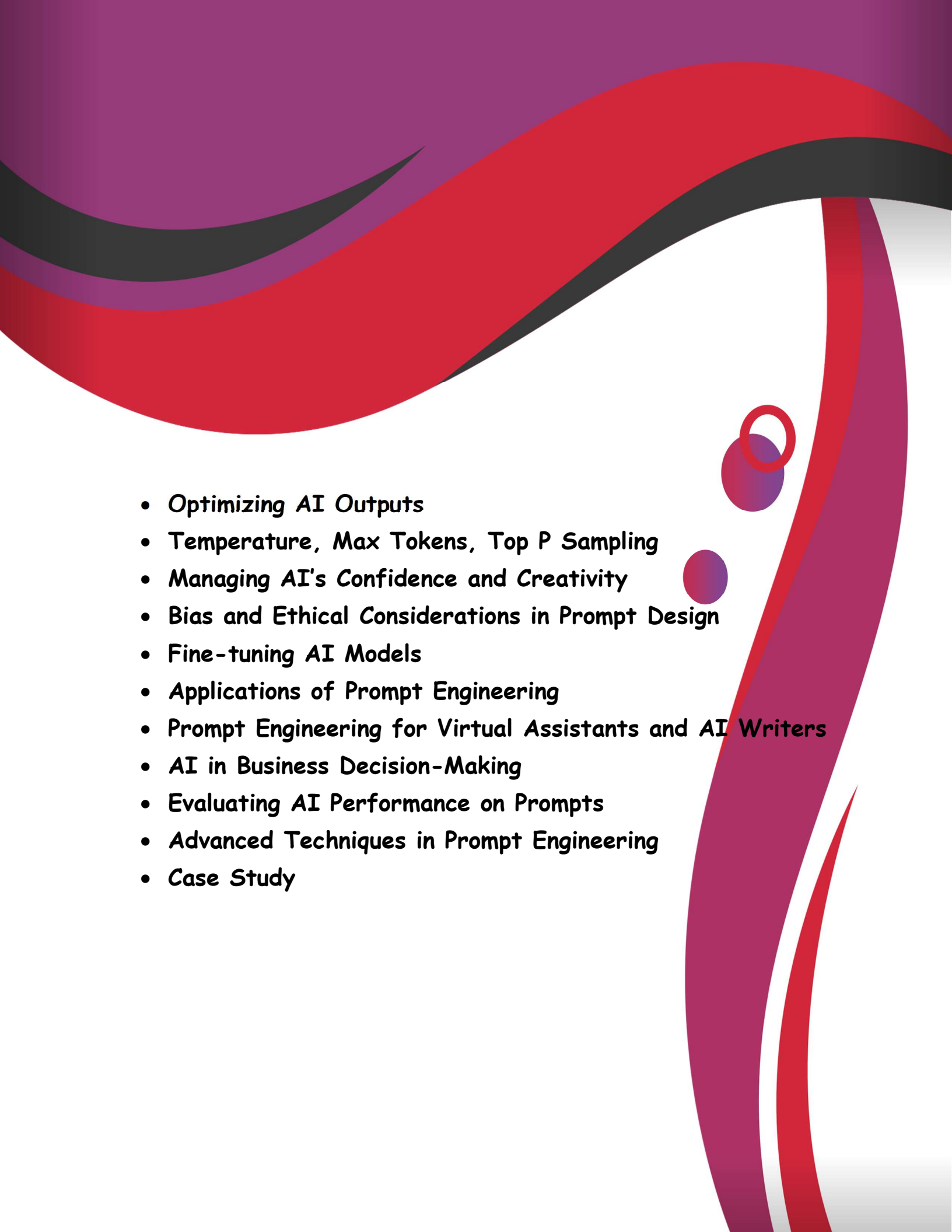
Key Points Learned

- Fundamentals of Natural Language Processing (NLP) and Large Language Models (LLMs)
- Designing effective prompts for various AI tools
- Prompt tuning and optimization strategies for accuracy and relevance
- Crafting prompts for different use cases: content writing, coding, data analysis, marketing, etc.
- Real-world applications of AI in business, education, and creative industries



Course Curriculum

- Introduction to AI and Machine Learning
- Types of AI Models
- Overview of Natural Language Processing (NLP)
- Introduction to Prompt Engineering
- Role of Prompt Engineering in AI Model Performance
- Understanding NLP Fundamentals
- Named Entity Recognition (NER)
- Text Classification and Sentiment Analysis
- Part-of-Speech Tagging and Syntax Parsing
- Exploring AI Models (GPT, BERT, T5)
- Overview of GPT Models
- Capabilities and Limitations of AI Models
- Performance Evaluation of AI Models
- Creating Effective Prompts
- Strategies for Refining Prompts

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- **Optimizing AI Outputs**
 - **Temperature, Max Tokens, Top P Sampling**
 - **Managing AI's Confidence and Creativity**
 - **Bias and Ethical Considerations in Prompt Design**
 - **Fine-tuning AI Models**
 - **Applications of Prompt Engineering**
 - **Prompt Engineering for Virtual Assistants and AI Writers**
 - **AI in Business Decision-Making**
 - **Evaluating AI Performance on Prompts**
 - **Advanced Techniques in Prompt Engineering**
 - **Case Study**

Career Benefits

- Gain a cutting-edge skillset in AI-driven communication and automation
- Open career pathways as a Prompt Engineer, AI Specialist, or LLM Consultant
- Boost productivity and creativity across content, code, and communication tasks
- Stand out in tech, marketing, education, and consulting job markets
- Position yourself at the forefront of AI adoption in your industry



Omnilearn Advantage

Unlocked

- Tailored course material to suit the learner's experience and knowledge level.
- Real-world projects to apply concepts and enhance learning.
- Access to downloadable resources for future reference.
- Practice exams that mimic real test conditions to boost exam readiness.
- Industry-recognized certificate awarded upon program completion.
- Round-the-clock support for all learner inquiries.
- Year-long access to recorded lessons for review and learning at your convenience.

Contact Us



+91 812 697 8547



+1 431 688-6546



operations@theomnilearn.com



www.theomnilearn.com



India | Canada | Uae