Here’s an version of PowerPoint presentation structure and subtopics to be covered, including educational videos, quiz questions, use cases, and references for topic

Module 1: Introduction to LLMs and Prompting

● Unveiling Large Language Models (LLMs): Their capabilities, use cases, and historical context.

● Understanding randomness in LLM output and setting the stage for effective prompt engineering.

● Creating Your First Prompts:

A hands-on initiation into the world of AI-powered content generation.

**Slide 1: Title Slide**  
- Title: “Module 1: Introduction to LLMs and Prompting”  
- Subtitle: Unveiling Large Language Models and Initiating AI-Powered Content Generation

**Slide 2: Agenda**  
- Briefly outline the topics to be covered in Module 1.

**Slide 3: Introduction to Large Language Models (LLMs)**- Define LLMs and their significance in natural language understanding and generation.  
- Highlight capabilities and applications of LLMs.  
- Briefly touch on historical context, mentioning key milestones.

**Slide 4: Use Cases of LLMs**  
- Explore various applications, such as natural language processing, text generation, translation, summarization, etc.  
- Share real-world examples to illustrate the practical impact of LLMs.

**Slide 5: Educational Video 1**  
- Introduce the first educational video related to LLMs or prompting.  
- Provide a brief description and encourage participants to watch for deeper insights.

**Slide 6: Understanding Randomness in LLM Output**

- Discuss the inherent randomness in LLM-generated content.  
- Explain the role of probability and variability in the outputs.  
- Prepare the audience for the importance of effective prompt engineering.

**Slide 7: Setting the Stage for Effective Prompt Engineering**  
- Introduce the concept of prompt engineering.  
- Discuss the significance of crafting well-structured and clear prompts.  
- Emphasize the role of effective communication with LLMs.

**Slide 8: Hands-On: Creating Your First Prompts**- Provide a step-by-step guide to creating prompts.  
- Share examples of prompts for different purposes (information retrieval, creative content, etc.).  
- Encourage audience participation in creating simple prompts.

**Slide 9: Educational Video 2**  
- Introduce the second educational video related to LLMs or prompting.  
- Provide a brief description and encourage participants to watch for deeper insights.

**Slide 10: Demonstration: AI-Powered Content Generation**  
- Showcase a live or recorded demonstration of LLMs generating content based on prompts.  
- Highlight the immediate responses and flexibility of LLMs.

**Slide 11: Quiz Questions**  
- Integrate quiz questions throughout the presentation to reinforce understanding.  
- Ensure questions cover key concepts and topics presented in the entire module.

**Slide 12: Key Considerations in Prompting**  
- Discuss important considerations, including specificity, clarity, and context.  
- Address potential challenges and ways to overcome them in prompt engineering.

**Slide 13: Practical Tips for Effective Prompts**  
- Provide practical tips for formulating prompts that yield desired outcomes.  
- Discuss strategies for refining prompts based on initial results.

**Slide 14: Use Cases and Applications**  
- Highlight real-world applications and use cases of LLMs and prompt engineering.  
- Showcase examples relevant to the audience’s industry or interests.

**Slide 15: References and Recommended Readings**  
- Include a list of references and recommended readings for further exploration.  
- Encourage participants to delve deeper into specific topics covered in the module.

**Slide 16: Reflection: Hands-On Experience**  
- Allow the audience to share their experiences with creating prompts.  
- Encourage discussion on challenges faced and insights gained.

**Slide 17: Closing Thoughts**  
- Summarize key takeaways from the module.  
- Reiterate the importance of effective prompt engineering for maximizing LLM capabilities.

**Slide 18: Next Steps**  
- Provide information about upcoming modules or resources for further learning.  
- Invite questions and engagement from the audience