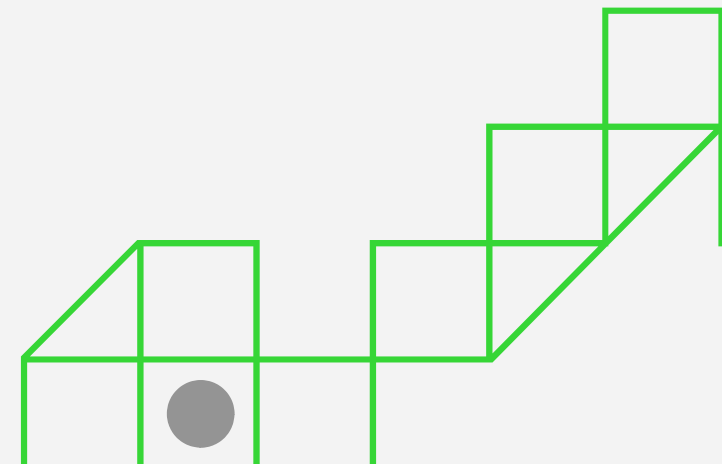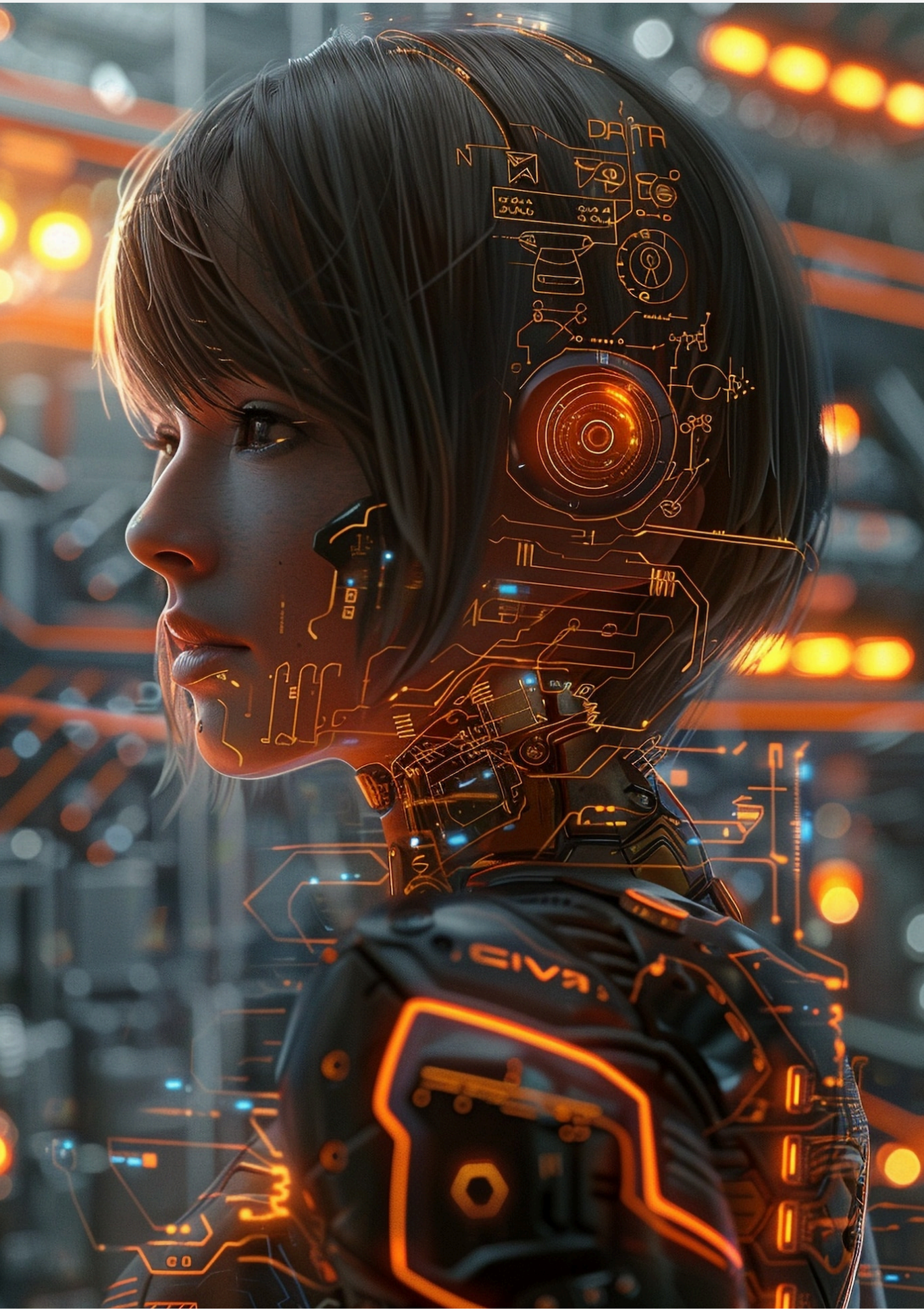# Unlocking Potential: The Strategic Advantages of Prompt Engineering in AI Systems

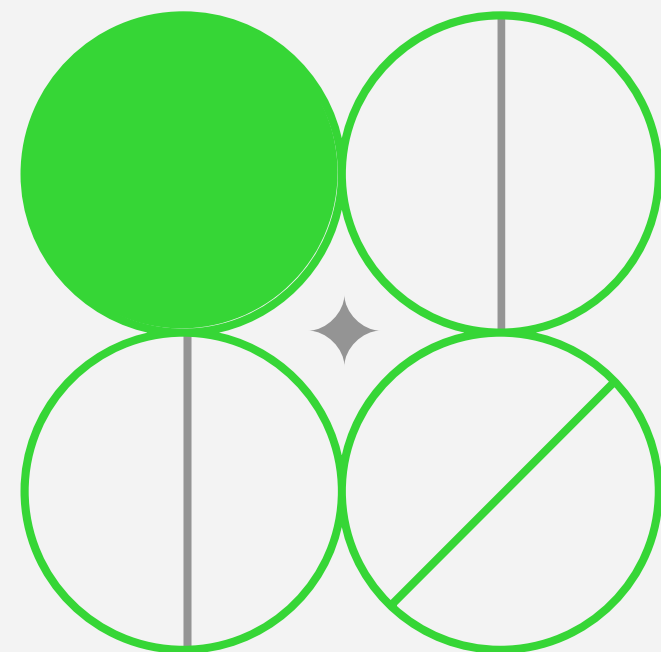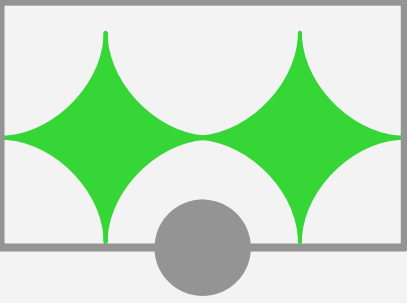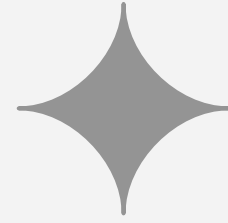# Introduction to Prompt Engineering

Prompt engineering is a crucial aspect of developing effective AI systems. It involves crafting precise inputs to elicit desired outputs from AI models. This presentation explores the **strategic advantages** of prompt engineering and its role in unlocking the full potential of AI technologies.
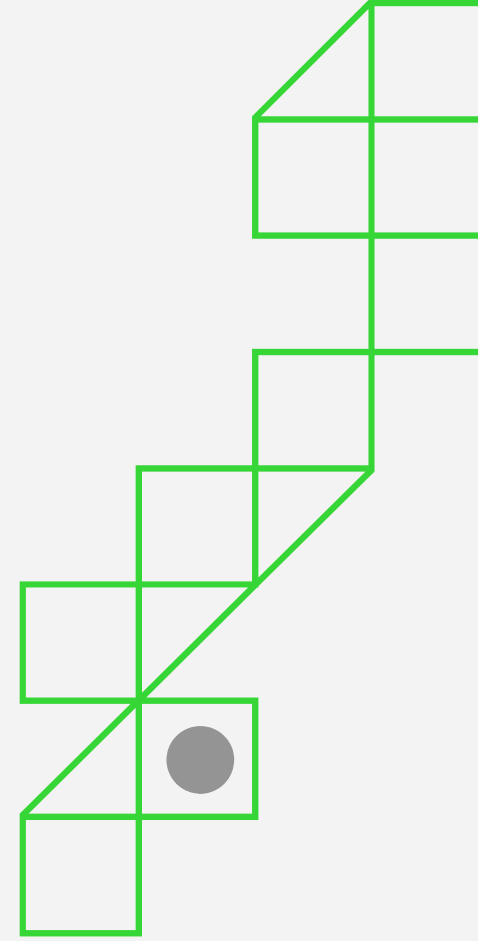
Understanding Prompt Engineering

Prompt engineering revolves around the art of designing inputs that guide AI behavior. By utilizing **specific language** and context, engineers can significantly influence the model's responses, leading to more **accurate** and **relevant** outputs tailored to user needs.
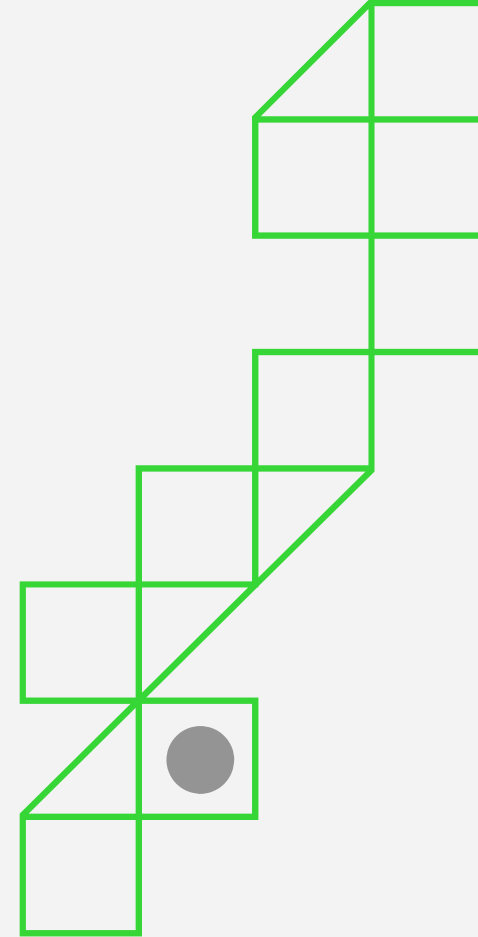
Enhancing Model Performance

Effective prompt engineering can dramatically enhance **model performance**. By optimizing prompts, engineers can reduce ambiguity, improve **response quality**, and ensure that AI systems are aligned with user expectations, ultimately leading to a more **satisfactory user experience**.
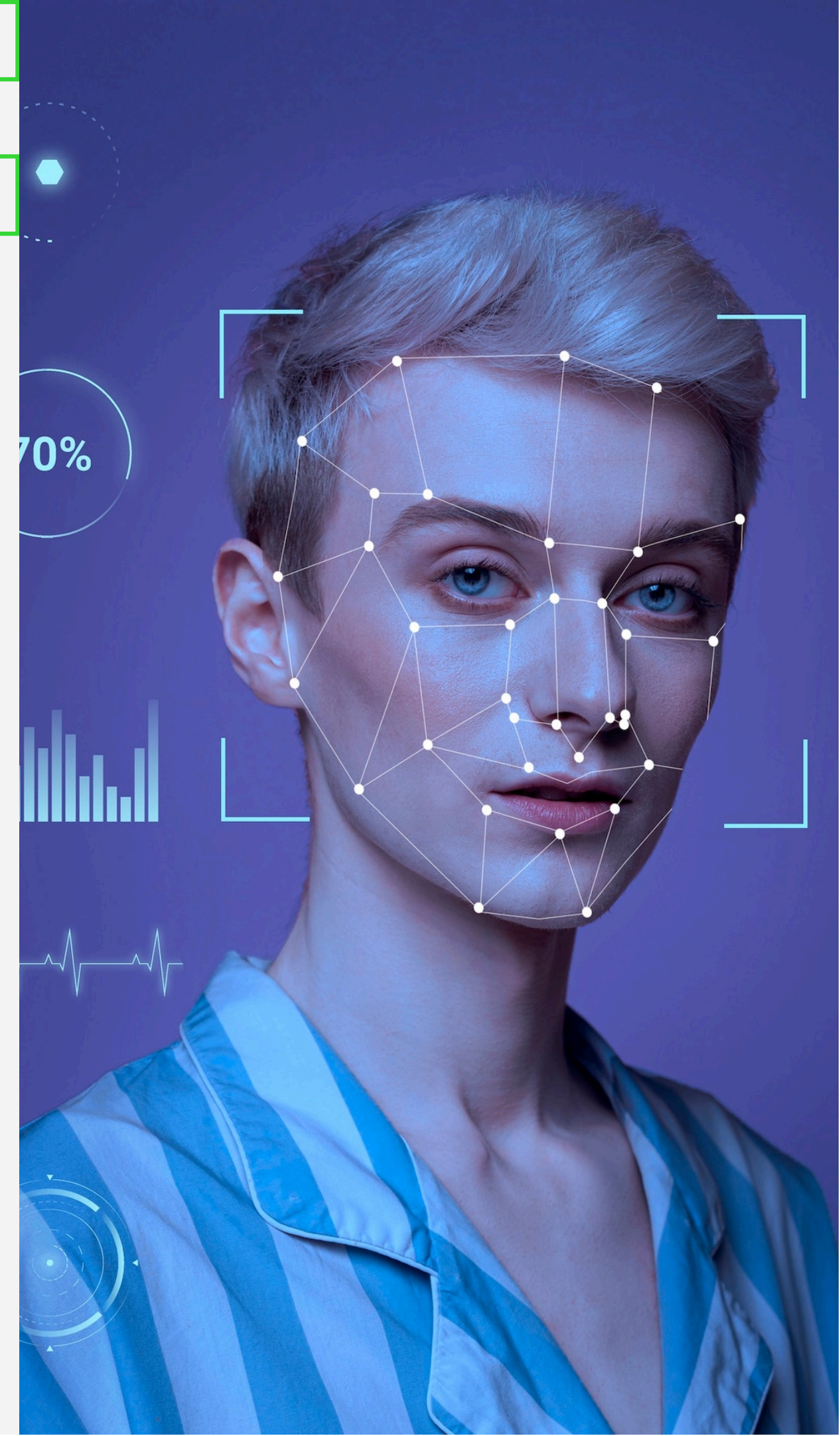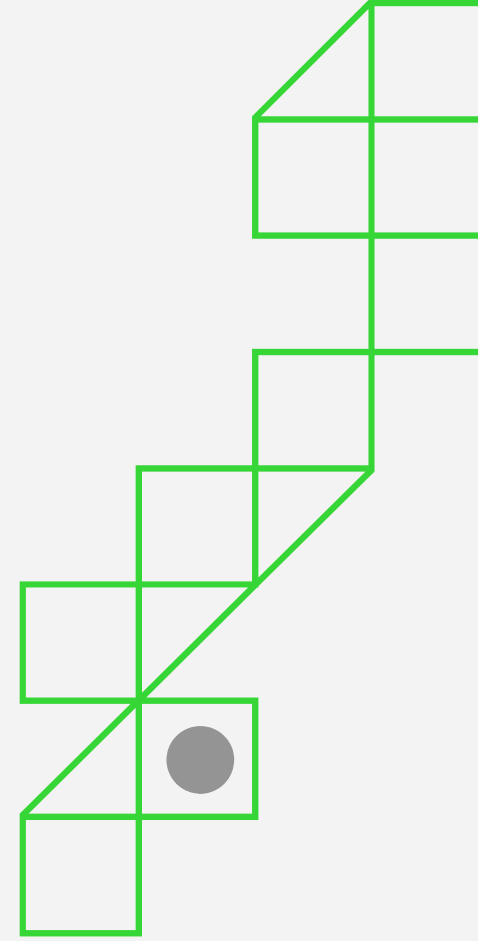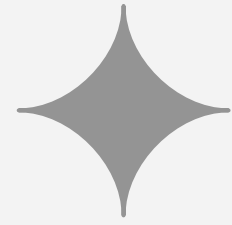
COST EFFICIENCY IN DEVELOPMENT

Investing in prompt engineering can lead to significant **cost savings** in AI development. By minimizing the need for extensive retraining and adjustments, organizations can leverage existing models more effectively, streamlining the development process and reducing **time-to-market**.

Improving User Engagement

Well-crafted prompts can enhance **user engagement** with AI systems. By providing more relevant and personalized interactions, prompt engineering fosters a deeper connection between users and technology, encouraging ongoing usage and **satisfaction**.
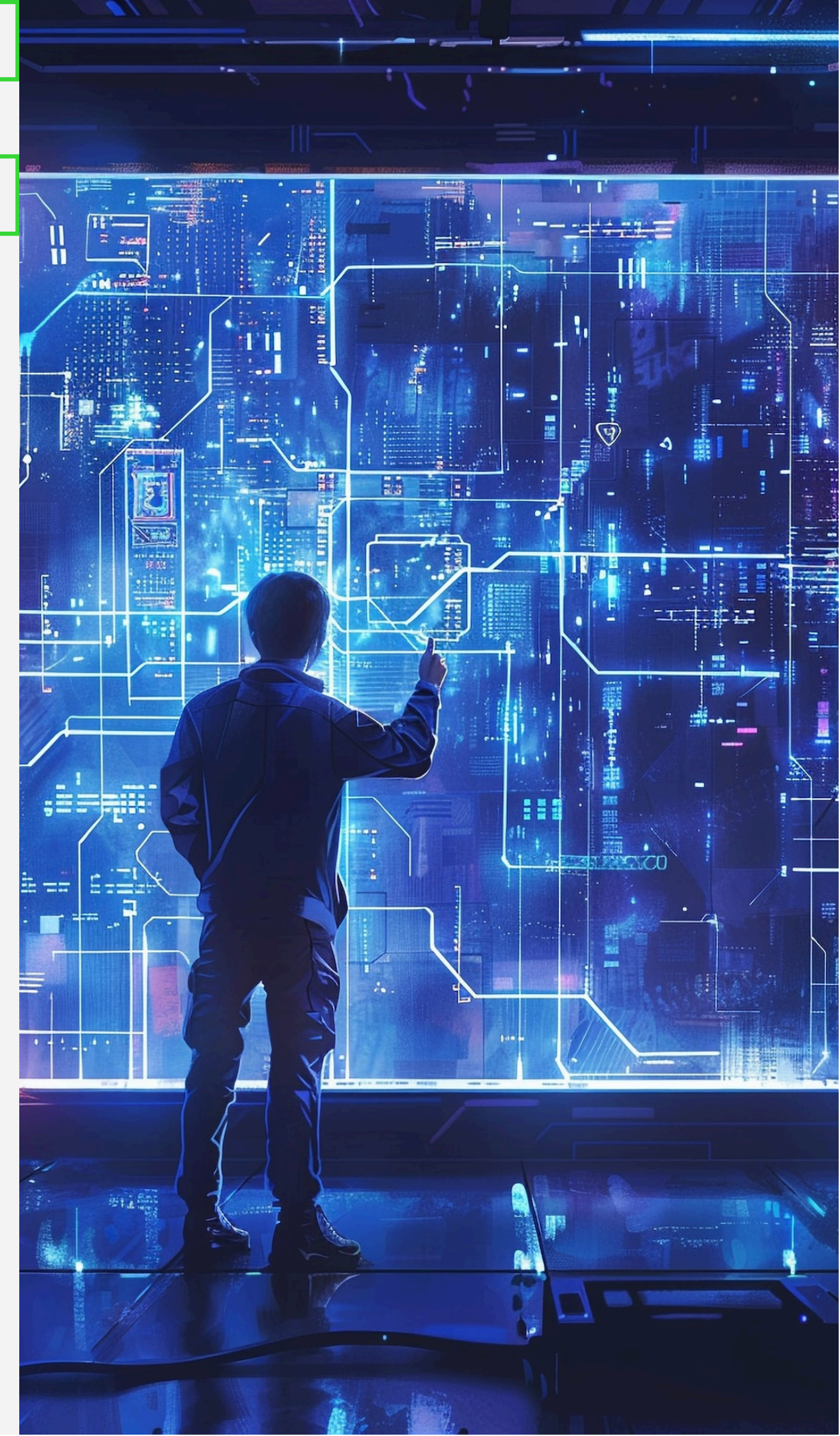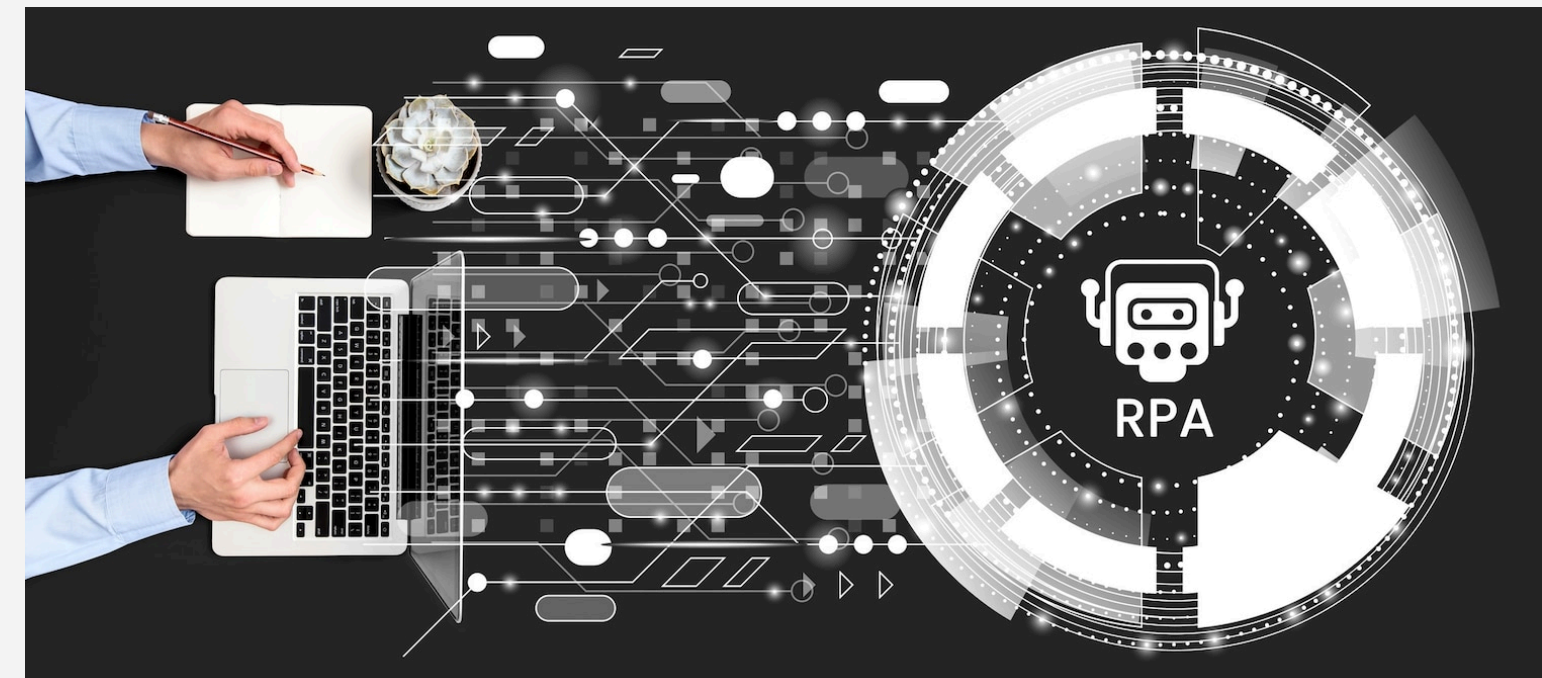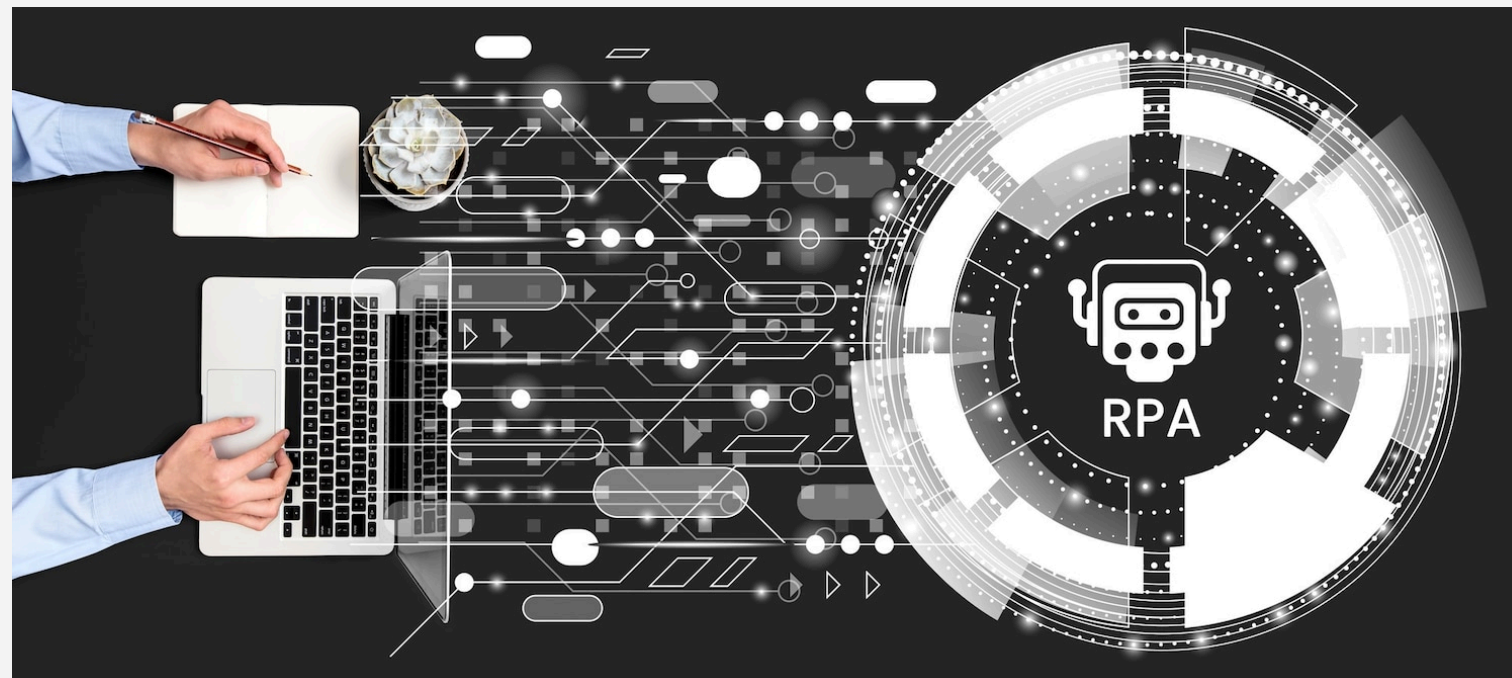
Scalability and Adaptability

Prompt engineering supports the **scalability** and adaptability of AI systems. By adjusting prompts, organizations can cater to diverse user needs and rapidly evolve their applications, ensuring that they remain **competitive** in a fast-paced technological landscape.

REAL-WORLD APPLICATIONS

From customer support to content generation, prompt engineering has numerous **real-world applications**. By tailoring prompts to specific scenarios, businesses can unlock new capabilities and enhance the effectiveness of AI solutions across various sectors.
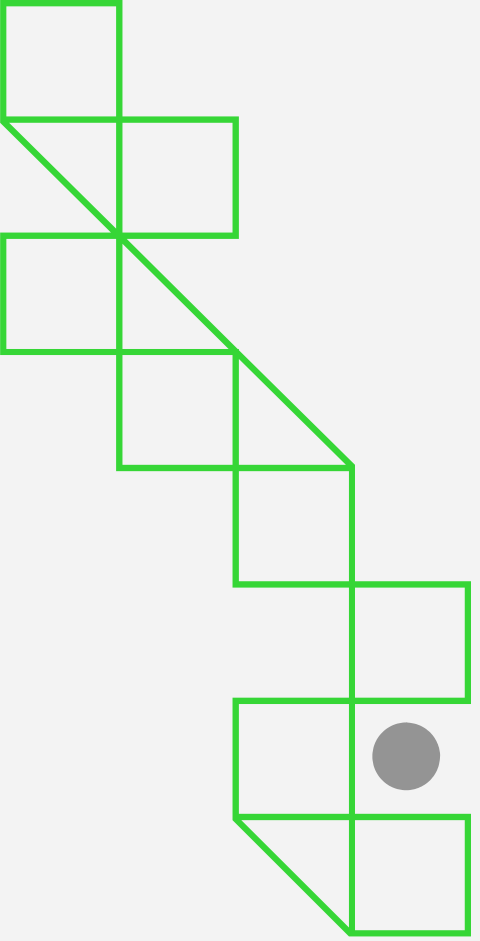
CONCLUSION: FUTURE OF PROMPT ENGINEERING

In conclusion, prompt engineering is a vital skill for maximizing the potential of AI systems. As AI continues to evolve, the strategic advantages of effective prompt design will play a pivotal role in shaping the future of **intelligent technologies** and their applications.

Thanks!

ANY QUESTIONS?
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