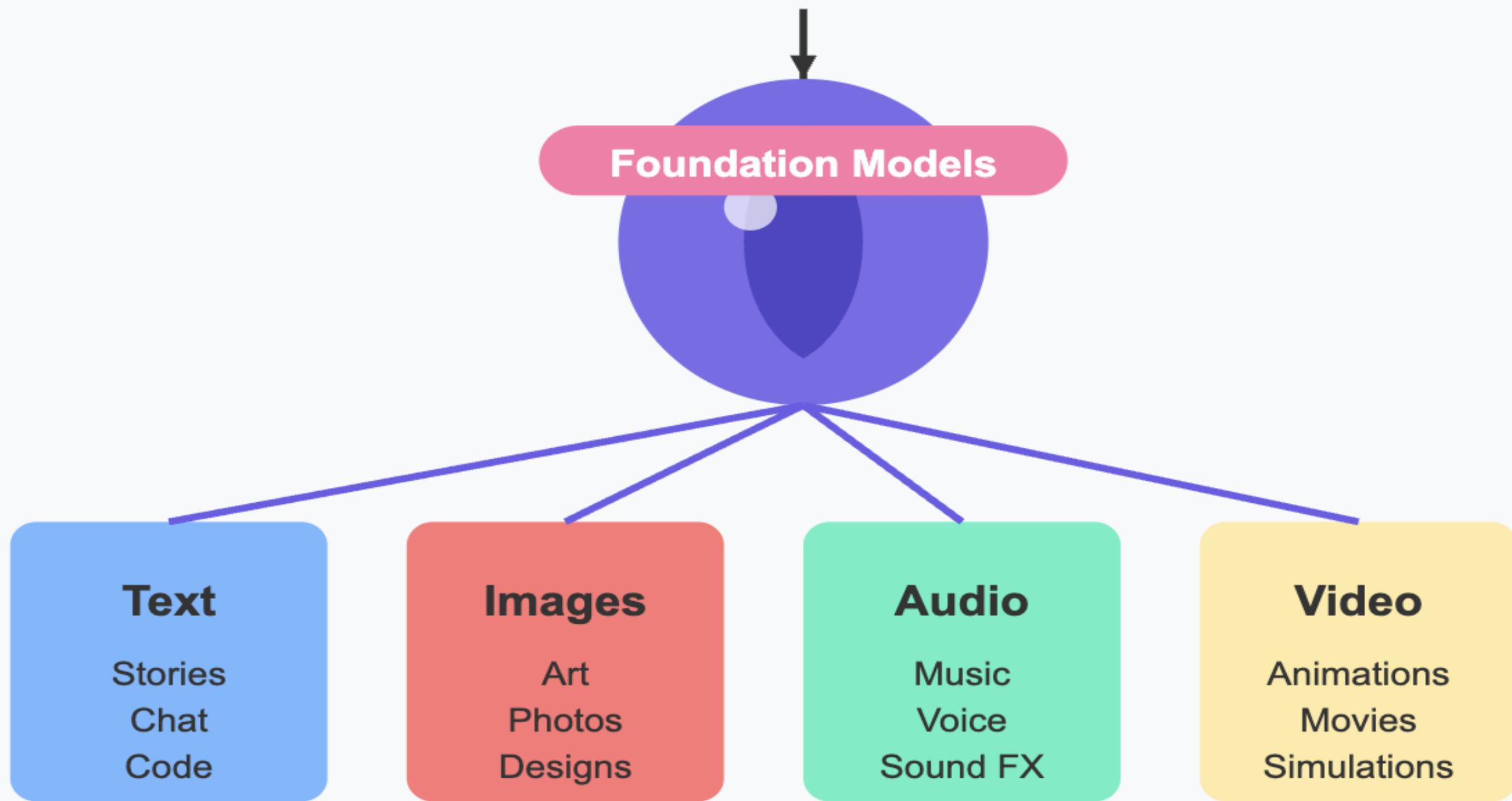


Based on Industry experience of GenAI projects

Based on Industry experience of GenAI projects

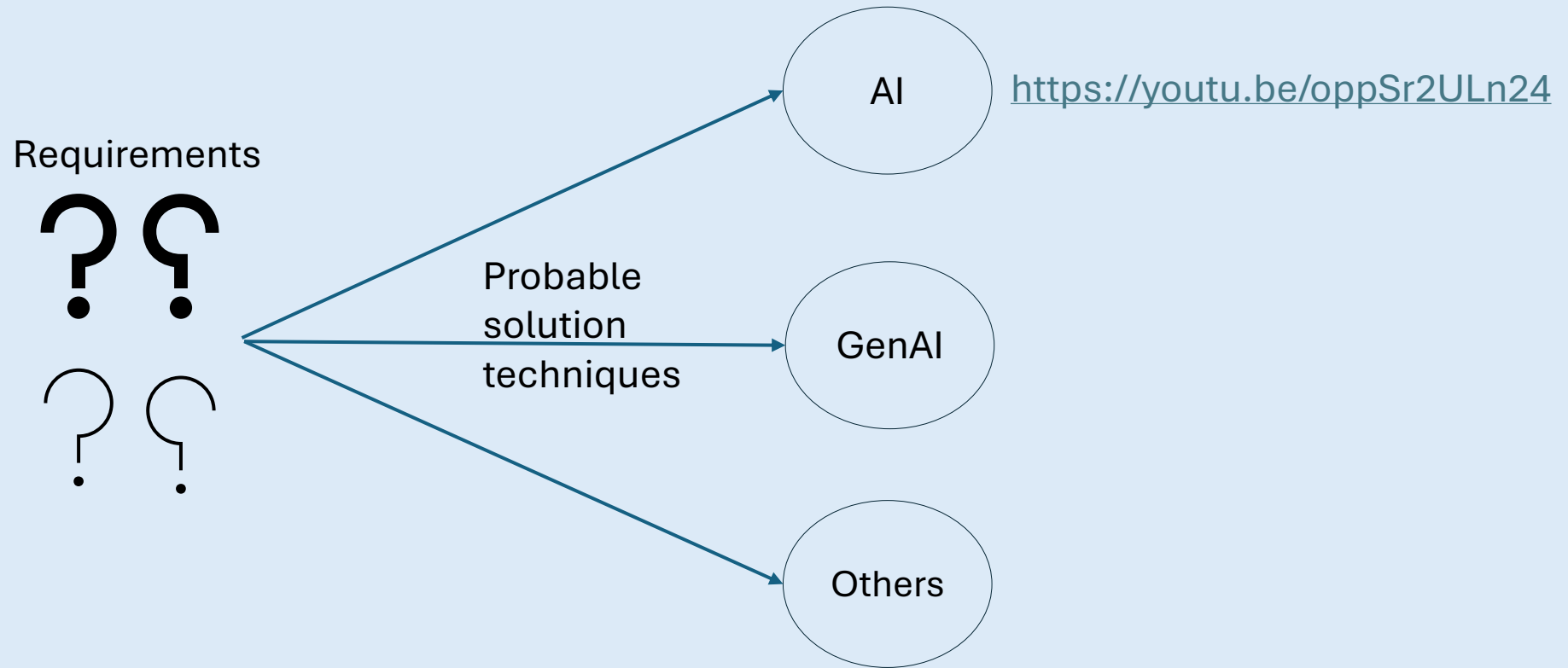
Generative AI (GenAI)



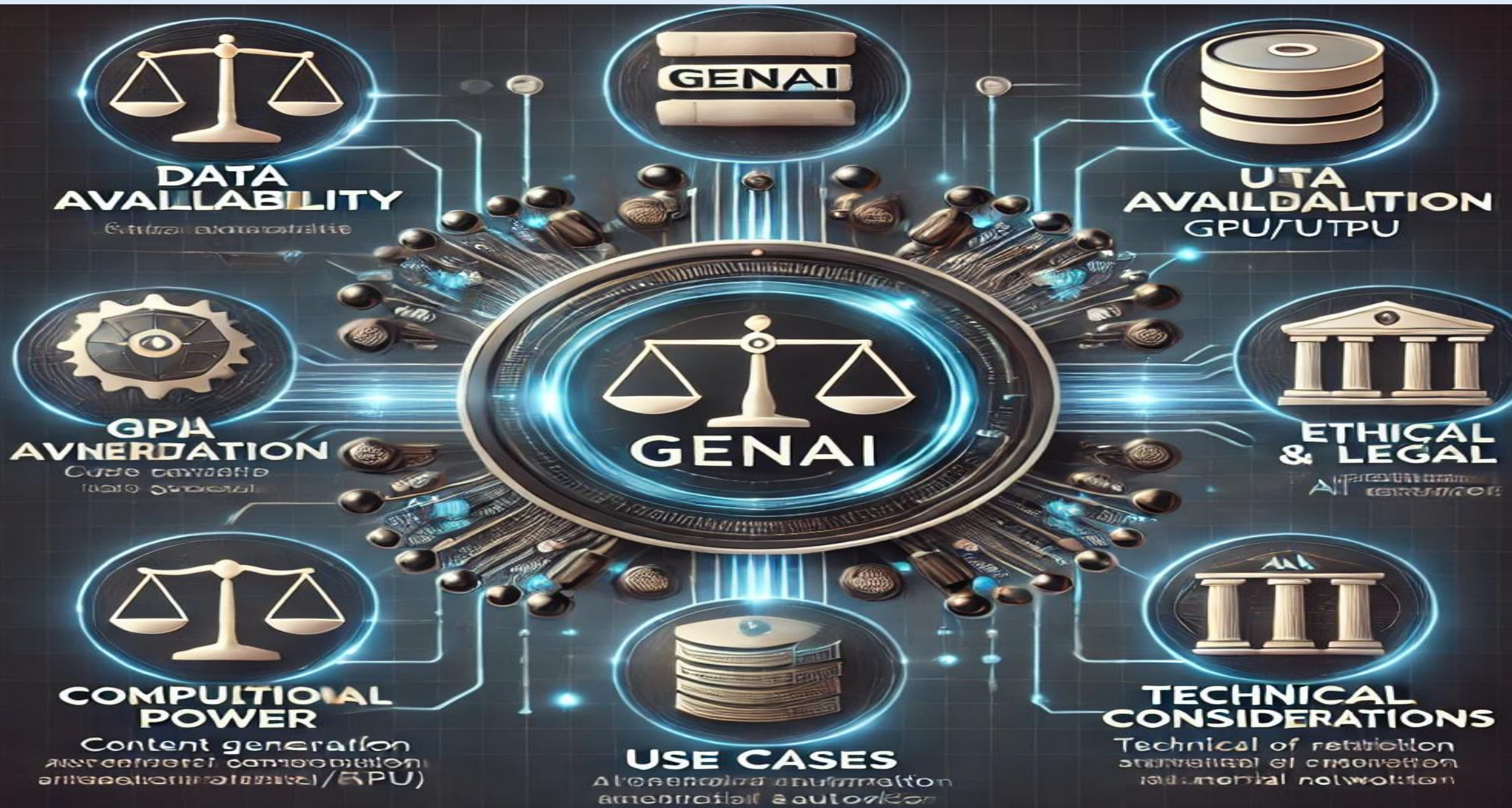
For given requirement, start with Identification of Solution Types



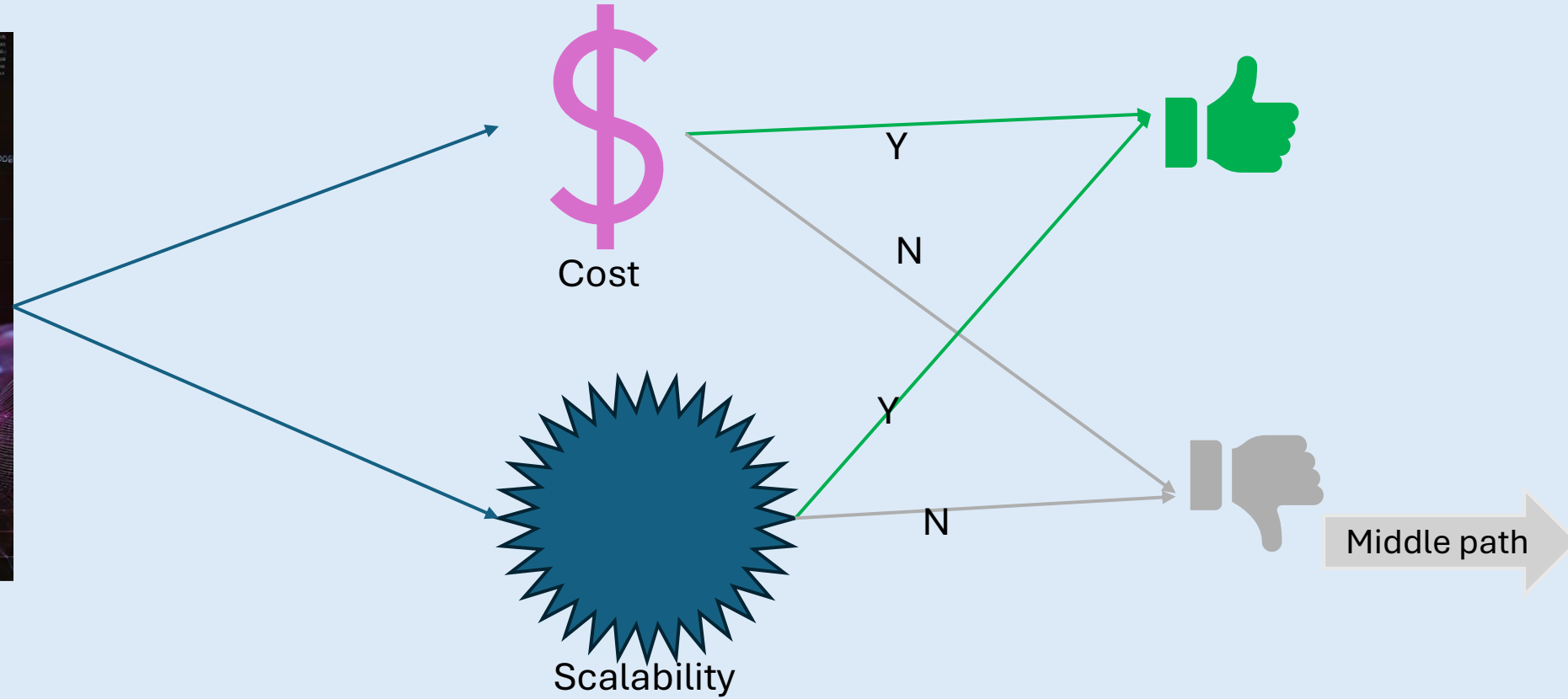
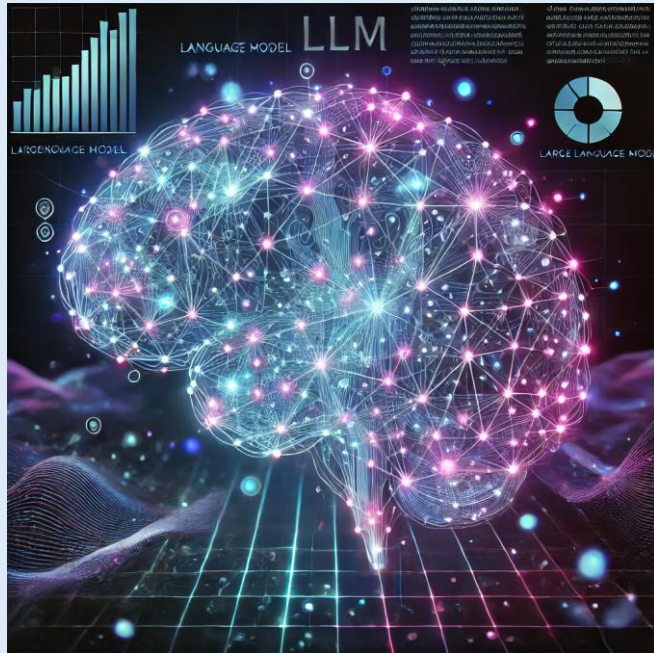
Identification of Solution Types



GenAI Projects: Is feasible



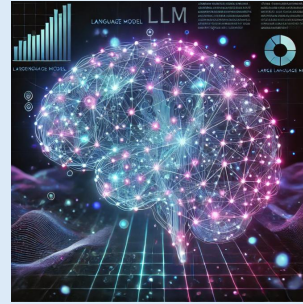
GenAI Projects: Is feasible



GenAI Projects: Zero shot call to LLM



Prompts



Response

Use Cases:

1. Text Classification
2. Question Answering
3. Translation
4. Text Summarization
5. Code Generation
6. Intent Detection
7. Named Entity Recognition (NER)

Prerequisites:

What is
GenAI

LLMs

Zero Shots
prompts

How to write
and Optimize
Prompt

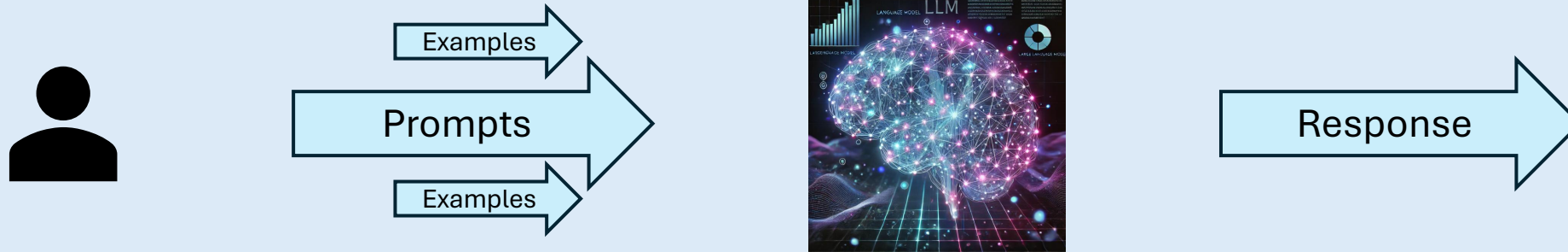
Limitations:

1. Task ambiguity
2. Performance gap
3. Format inconsistency
4. Domain expertise limitations
5. Cultural and contextual biases
6. Novel task handling
7. Instruction interpretation variance

Hands on:

1. [Using any free LLMs](#)
2. Using Python code

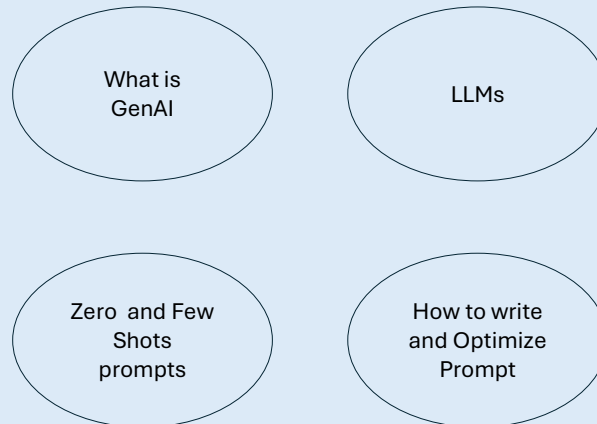
GenAI Projects: Few shot call to LLM



Use Cases:

1. Domain-Specific Content Generation
2. Custom Data Extraction
3. Format Standardization
4. Multi-Step Reasoning
5. Specialized Classification
6. Code Translation/Transformation
7. Custom Summarization
8. Consistent Style Adaptation

Prerequisites:



Limitations:

1. Context Window Constraints
2. Example Selection Bias
3. Inconsistent Performance
4. Complexity Ceiling
5. Generalization Issues
6. Cost Implications
7. Maintenance Overhead
8. Limited Permanence

Hands on:

1. [Using any free LLMs](#)
2. Using Python code