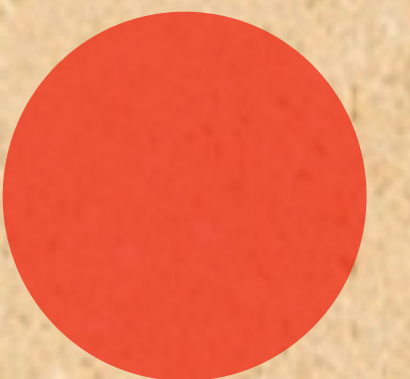


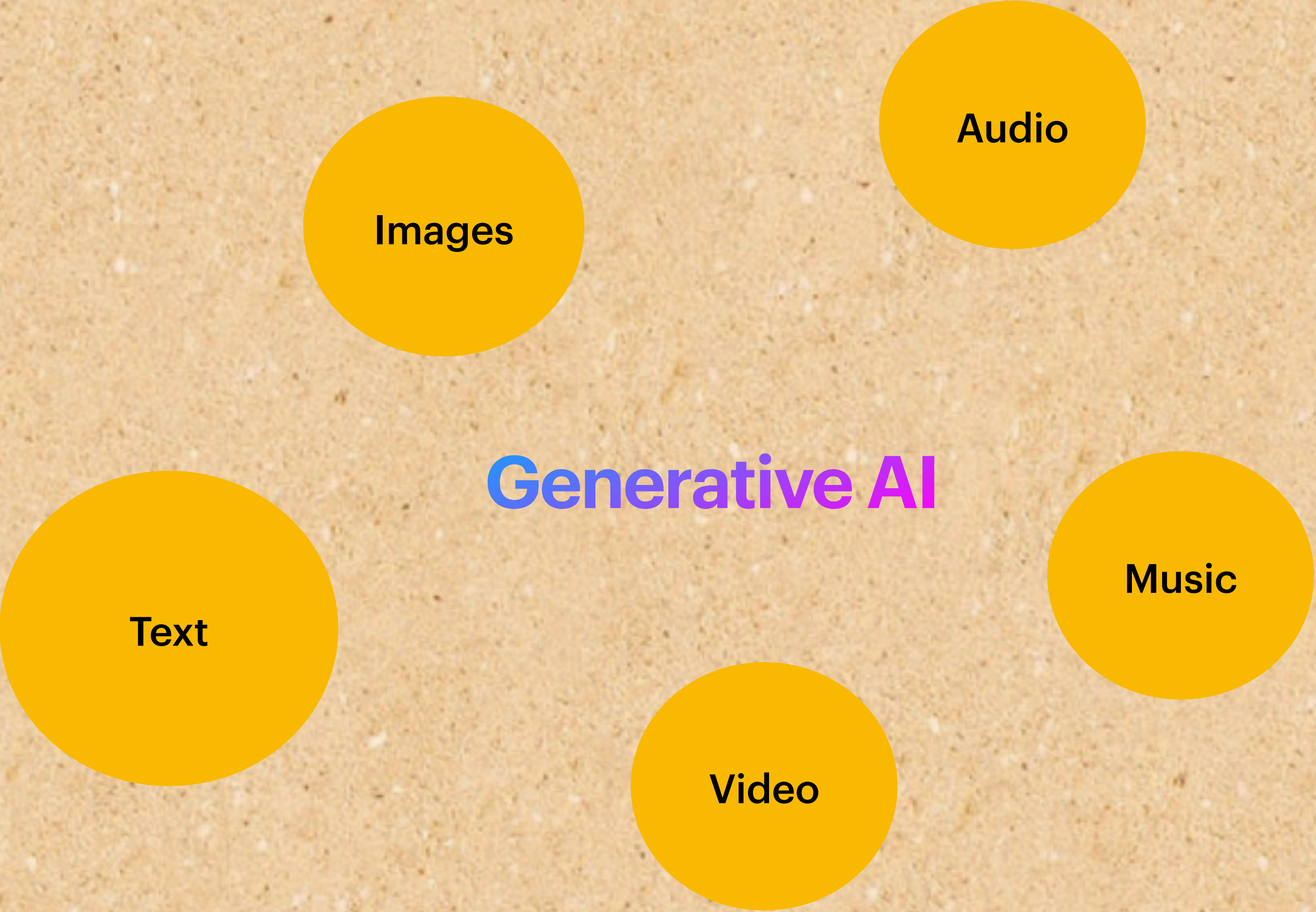
Module 1 - Topic 2

2.1 What are LLMs?





Different forms of Gen AI



What are LLMs?

- Stands for 'Large Language Models'
- Trained on vast text data: books, websites, articles, code
- Capable of various language tasks: translation, summarization, question answering, etc
- These are primarily text-to-text models using Transformers.
- Examples include GPT, Claude, Llama, Gemini and so on.

LLMs

Key foundation models in LLM space

GPT

Claude

Llama

Mistral

LLMs

Key foundation models in LLM space

GPT

OpenAI
chat.openai.com

Claude

Anthropic
claude.ai

Llama

Meta
meta.ai

Mistral

Mistral AI
chat.mistral.ai

Closed Source

Open Source

Open Source vs Closed Source

	Open Source	Closed Source
Access and Support	Developed by the open community, supported by contributors worldwide	Developed and supported by the organization owning the model
Customisation	Users can modify the model and adapt it to their specific needs	Limited or no customization; users are constrained by pre-set options
Data Security	Users have full control over data used with the model	Data may need to be shared with the model's provider, raising privacy concerns
Cost	Generally free to use but may require resources for training and hosting	Often comes with subscription or usage-based pricing
Examples	Llama family by Meta, Mistral, Qwen, Deepseek, etc	GPT by OpenAI, Gemini by Google, Claude by Anthropic, etc