1. testing of the Model
2. What is lang chain
3. Predominantly used LLMS apart from the GPT
4. Multimodal architecture (images, text and speech) - <https://slds-lmu.github.io/seminar_multimodal_dl/c02-00-multimodal.html>
5. Handling images using Azure Cognitive search <https://learn.microsoft.com/en-us/azure/search/cognitive-search-concept-image-scenarios>
6. Transformer Architecture <https://learn.microsoft.com/en-us/training/modules/fundamentals-generative-ai/3-language%20models>
7. AI Vision : [How to use the GPT-4 Turbo with Vision model - Azure OpenAI Service | Microsoft Learn](https://learn.microsoft.com/en-us/azure/ai-services/openai/how-to/gpt-with-vision?tabs=rest%2Csystem-assigned%2Cresource)
8. Develop application open source and Develop you own LLM : [How to Create Your Local LLM Model (Revised and Updated) — Extra Curated LLMOps Resources | by Thomas Cherickal | Medium](https://thomascherickal.medium.com/how-to-create-your-own-llm-model-2598615a039a)
9. Generative AI : Krish Naik
   1. [Things Required To Master Generative AI- A Must Skill In 2024 (youtube.com)](https://www.youtube.com/watch?v=HEHUpBO8UVc)
10. Architecture of LLM - Krish Naik
    1. <https://www.youtube.com/watch?v=SMZQrJ_L1vo&pp=ygUYZGVlcCBsZWFybmluZyBrcmlzaCBuYWlr>

11. Deep learning : [How to Become a Great Software Developer (youtube.com)](https://www.youtube.com/watch?v=d2kxUVwWWwU)

TS-GPT:

How the data from Blob will get moved to Cognitive search.

What the handle all blob will do

Where the embedding will happen and what technique is used

Where the vector DB is stored

What are the types of Searches available in cogsearch and how they are different from each other

What part of the code is used to modify the search string

How it do you optimize the token size without reducing the number of searches

What are the challenges faced in the project

Which vector database do you use?

What are the optimizing techniques used?

RAG Architecture

Context

Intent

Prompt Engineering

Trimming the message

How do you index when there is image and text

What is the frame work used to develop the application

There are 100K documents spread over 10 years of data. There are discount details in it. How do you build a logic to give answers based on it