* **Generative AI** - AI systems that can generate new content like text, images, etc.
* **Large language models** - AI models trained on massive amounts of text data to understand and generate natural language.
* **GPT-3** - An example of a large language model created by OpenAI.
* **Neural networks** - Computing systems modeled on the human brain used in deep learning.
* **Machine learning** - The use of algorithms and neural networks that learn from data.
* **Natural language processing (NLP)** - The ability of AI systems to understand, interpret and generate human language.
* **Training data -** The data used to train machine learning models.
* **Classification** - A machine learning technique to categorize data into different classes.
* **Multi-label classification** - Classifying data into multiple categories simultaneously.
* **Named entity recognition** - Identifying key entities like people, places, organizations, etc. in text.
* **Tokenizer** - The process of splitting text into smaller chunks or "tokens" and assigning each one a number.
* **Encoding** - Converting the text tokens into numeric representations.
* **Probability machine** - How LLMs work by predicting the probability of the next token based on the previous ones.
* **Fine-tuning** - Further training a pretrained LLM on more specific data to adapt it to a particular task.
* **Prompt engineering** - Crafting the input text carefully to get better results from an LLM.
* **Retrieval augmentation** - Combining search/retrieval with an LLM to improve results.
* **Risk mitigation** - Strategies like prompt engineering and fine-tuning to reduce risks of using LLMs.
* **Foundation model** - A large pretrained deep learning model that can be adapted to other tasks.
* **Repurposing** - Using a foundation model for a task different than its original purpose.
* **Code assistant** - An example application built by fine-tuning a foundation model for coding.
* **OpenAI** - The company that created ChatGPT and other large language models.
* **ChatGPT** - One of the first and most well-known generative AI systems created by OpenAI.
* **Azure OpenAI Service** - Allows using OpenAI models like GPT-3 on the Microsoft Azure cloud.
* **Hugging Face** - A platform for sharing and using open source AI models.
* **Model repository** - Hugging Face hosts models like a repository where they can be downloaded.
* **Inference API** - Using a trained model to generate predictions/outputs from new data.
* **Local model** - Running an AI model like GPT-3 directly on your own computer.
* **LAMA-file** - A project from Mozilla to easily run models locally.
* **Cloud deployment** - Making a model available as a service in the cloud.
* **Interactive API** - Calling the cloud service API to get outputs from the deployed model.