Applied generative AI and natural language processing with Python /

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Material Proyectable

Delve into the expansive field of Natural Language Processing (NLP) through a structured journey that starts with the basics and advances to complex real-world applications. Begin by setting up your development environment, understanding essential tools, and getting familiar with the course resources. As you progress, you will explore foundational NLP techniques like text classification and sentiment analysis, and learn to manipulate and analyze text data effectively. The course emphasizes practical application, guiding you through the creation and management of vector databases, and the implementation of state-of-the-art models like Huggingface's Transformers. The curriculum includes detailed sections on innovative NLP strategies such as prompt engineering and chain-of-thought reasoning, equipping you with the skills to tackle advanced problems in text processing. Each concept is broken down into comprehensible modules, ensuring you can build and fine-tune machine learning models that enhance the capabilities of NLP applications. By the end of this course, you'll have mastered the tools and techniques to not only execute complex NLP tasks but also to implement these solutions effectively in your professional projects, contributing to your growth as a data-driven decision-maker in the tech industry

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