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| Today, I carried out studies as a continuation of my LLM (Large Language Model) research from yesterday. First, based on the information I gathered yesterday, I prepared a slide draft explaining LLM architectures and usage areas. In the draft, I detailed the strengths and different use cases of current models such as DeepSeek-R1 and LLaMA 3.1. I also structured this draft so that it can be used in both project presentations and technical explanations in the coming days.  Next, I focused on improving the Autoencoder-based anomaly detection code I prepared yesterday. I aimed to make anomaly decisions smarter by combining this code with an LLM-supported control mechanism. By setting up a system that works in integration with the DeepSeek-R1 and LLaMA 3.1 models, I enabled the anomaly points determined by the model to be interpreted and evaluated by the LLM. Thus, the system became capable of making more meaningful and contextual interpretations based on past data samples.  At the end of the day, I worked on how I could run LLM models more optimally and which techniques I could apply in my main code to use these models more efficiently. For this purpose, I watched a training video about RAG (Retrieval-Augmented Generation) and researched methods of extracting meaningful information from databases and combining it with LLM to produce more accurate results. | | | |
| **Sayfa No** | **Çalışmanın** | | **KONTROL** |
|  | Konusu :.........................................  ......................................................... | Yapıldığı Tarih  ...../..../202.. | ......................................  ...................................... |