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| In today’s work, I finalized the data preparation process by completing examples of refrigerator temperature readings for each scenario (door left open, power outage, normal cooling cycle, etc.). As a result, I now have a comprehensive and meaningful dataset for both the training and testing phases of the system.  To improve system performance in scenarios where this dataset will be used together with a large language model (LLM), I focused on implementing CUDA integration. Since running the LLM on GPU was essential for faster performance, I encountered some incompatibilities and corruptions in my current working environment (VS Code Workspace) during this process.  To resolve the issue, I completely reset my environment by:   * Creating a new VS Code Workspace and Python environment, * Reinstalling all required libraries and dependencies from my previous code, * Reinstalling the LLM model and configuring it to run with CUDA support.   As a result of these steps, both my development environment and the LLM model are now running smoothly with CUDA support. This has significantly improved the speed and efficiency of the LLM in code sections that require natural language interpretation. | | | |
| **Sayfa No** | **Çalışmanın** | | **KONTROL** |
|  | Konusu :.........................................  ......................................................... | Yapıldığı Tarih  ...../..../202.. | ......................................  ...................................... |