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Jupyter Notebooks for Research into the Medical/Clinical/Healthcare domain

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notebooks

Jupyter Notebooks for Research into the Medical/Clinical/Healthcare domain

Welcome to the FHIR Fly GitHub repository dedicated to Jupyter Notebooks that delve deep into the world of health informatics, machine learning, and natural language processing. This repository is a treasure trove for anyone looking to understand and work with technologies like Clinical Decision Support, FHIR, GPT-4, Llama2, BERT, Transformers, Hugging Face, and more.

Table of Contents Introduction Notebooks Overview Getting Started Contributions License Contact & Support Introduction The healthcare industry is on the brink of a digital revolution, and technologies like FHIR (Fast Healthcare Interoperability Resources) are at the forefront of this change. Coupled with the power of modern AI and machine learning models such as GPT-4, Llama2, and BERT, there are infinite possibilities to explore. This repository is a humble effort to consolidate and share knowledge in these domains through interactive Jupyter notebooks.

Notebooks Overview

Clinical Decision Support (CDS): Understand the systems that assist in clinical decision-making tasks by providing evidence-based recommendations.

- FHIR: Dive deep into Fast Healthcare Interoperability Resources, which is a standard for health care data exchange.
- GPT-4: Explore the capabilities of GPT-4, OpenAI's state-of-the-art language model.
- Embeddings + Vector Search
- Llama2: Get to know Llama2, yet another fascinating model in the world of AI.
- BERT & Transformers: Understand the world of BERT and Transformer models which have revolutionized the NLP domain.

- Hugging Face: Explore the tools and libraries provided by Hugging Face, a leading company in the NLP domain.
- Fast AI
- Langchain

... and many more!

Getting Started

Prerequisites:

Ensure you have Jupyter installed. If not, here's a quick guide to get started.

Clone the Repository:

```
git clone https://github.com/<username>/FHIR-Fly-notebooks.git
```

Navigate and Run:

Once cloned, navigate to the desired notebook and launch it using Jupyter. You can now interact, modify, and run the notebooks as per your needs.

Contributions

We warmly welcome contributions! If you have a notebook or an update that you'd like to share, please follow the guidelines in our CONTRIBUTING.md file.

License

This project is licensed under the MIT License. For more details, see the LICENSE file.

Contact & Support

Maintainer: Fly Health For any issues, queries, or feedback, please open an issue or reach out to the maintainer. Happy exploring and happy coding! 🚀

Releases

No releases published

Packages

No packages published

Languages

- **Jupyter Notebook** 100.0%