MedicalCopilot: Customized & Transparent Large Language Models for Healthcare
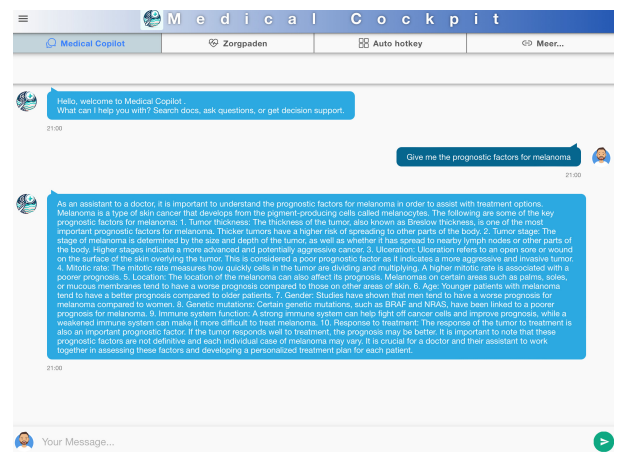
Background information

The integration and application of Large Language Models (LLMs) in healthcare have the potential to be game-changers, enhancing medical diagnostics and decision-making. However, their integration into healthcare is encountering significant challenges, including ensuring the model's reliability, accuracy, and transparency, as well as compliance with data privacy and EU AI regulations.

We are pioneering a novel service for the healthcare sector that delivers context-aware insights from proprietary medical data while ensuring strict data privacy and compliance. Our system creates tailored and evidence-based LLMs that adhere to EU regulations and seamlessly integrate into hospital systems.

Drawing on over ten years of experience in developing CE-marked medical apps, ISO-certified databases, and distributed systems in healthcare, our existing certified apps provide an ideal pilot environment for seamless integration. With our extensive medical data resources, acting as a powerful foundation our LLMs delivers unparalleled accuracy and reliability. Our established network offers a competitive edge for rapid deployment.

Key features & advantages

- EU Hosting & Compliance: Meets evolving AI regulations.

- Open Source Model as a foundation: Transparent and customizable.

- Enhanced Privacy: Operates within client infrastructure.

- Accuracy: Leverages proprietary medical data.

- Tailored Responses: Context-aware insights from in-house databases.

- Scalability: Handles large-scale data without compromising performance.

- Improved Decision Support: Evidence-based insights for enhanced diagnostics and treatment planning.

- Cost Savings: Streamlines data analysis and decision-making.

- Rapid Deployment: Existing apps and specialist network enable seamless integration and upgrades.

We are looking for collaborations/pilots in clinical settings to introduce oursolution

We already implemented the Medical Cockpit App in Otorhinolaryngology of the Netherlands Cancer Institute (NKI/AVL).

* We have a trained large language model running locally with clinical data from one of our existing datasets, the ABCDE / acute patient data, which can be easily implemented *
http://www.medicalcopilot.eu

Contact

Norbert Schmidt
CEO
DDCare
norbert@ddq.nl