

# Sikka.ai Announces Launch of DentalLLM, the World's First Dental Language Model at Scale

*The official release of the Sikka.ai DentalLLM and synthetic dental database makes AI accessible to all in the dental and adjacent industries*

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EINPresswire.com/ -- Sikka.ai is thrilled to announce the official launch of their DentalLLM, the most advanced language model specifically designed for the dental industry. Building on the superior benchmark results previously reported, the Sikka.ai DentalLLM is set to revolutionize how Dental Service Organizations (DSOs), dental practices, and software developers operate.

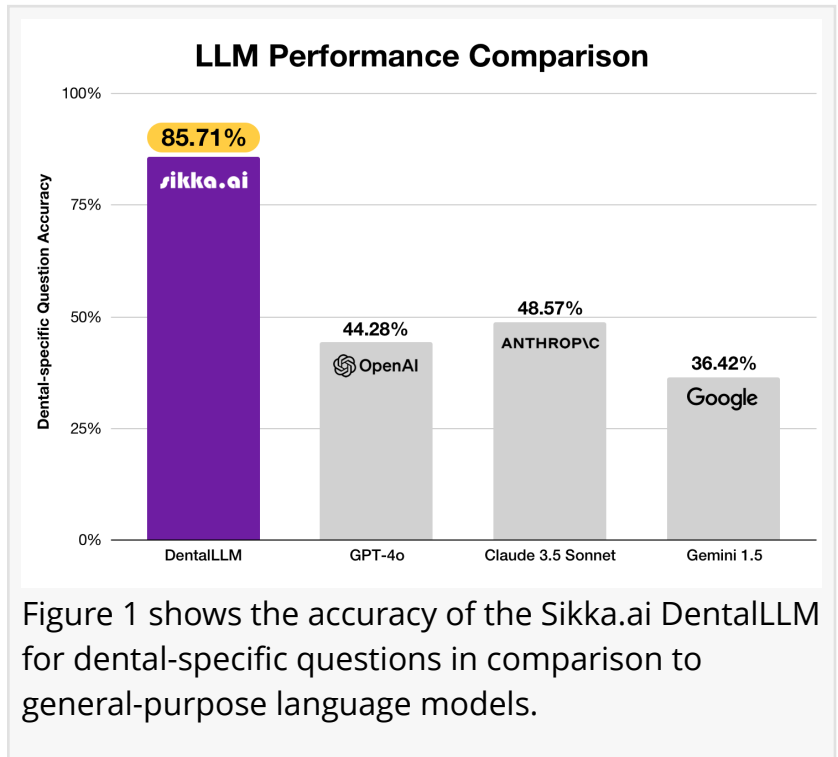


Figure 1 shows the accuracy of the Sikka.ai DentalLLM for dental-specific questions in comparison to general-purpose language models.

With over 30 thousand practice installations and 15 years of de-identified data on the [Sikka.ai API platform](#), the Sikka.ai DentalLLM is the world's first dental LLM at scale. To meet the unique demands of dental professionals, the Sikka.ai DentalLLM has demonstrated unparalleled



Our goal is to empower dental professionals and app developers with cutting-edge AI tools that enhance their efficiency and improve patient outcomes"

*Founder & CEO, Vijay Sikka*

performance in understanding and generating dental-specific content, significantly outperforming general-purpose language models like ChatGPT-4o, Claude 3.5 Sonnet, and Gemini 1.5 in benchmark tests (Figure 1).

"We are excited to bring DentalLLM to market and the positive impact it will have on the dental industry," said Vijay Sikka, Founder & CEO of Sikka.ai. "Our goal is to empower dental professionals and app developers with cutting-edge AI tools that enhance their efficiency and

improve patient outcomes."

Why is DentalLLM important for DSOs?

The Sikka.ai DentalLLM is not just another AI tool but a strategic asset for DSOs looking to make data-driven decisions. By leveraging unique data sets available only through Sikka.ai, DentalLLM offers insights into the dental industry, empowering DSOs to enhance their operational efficiency and inform their strategic decisions (Figure 2).

**Exclusive Data Access:** DentalLLM has access to comprehensive data from dental practices nationwide, including but not limited to procedure fees, accounts receivable, procedures

performed, and payment data. This wealth of information enables DSOs to benchmark performance, identify trends, and make informed decisions based on real-time industry insights. In addition, all practices in the DSO network will be included and query-enabled.

**Market Insights:** DentalLLM provides both a macro-level view of the dental industry and a micro-level view of individual practices, allowing DSOs to identify market opportunities and potential areas for growth. This insight is crucial for making strategic acquisitions and developing competitive advantages.

**Why is DentalLLM important for App Developers?**

The Sikka.ai DentalLLM will be available to software developers through the award-winning Sikka ONE API and presents an AI-based solution for companies aiming to integrate ready-made artificial intelligence into their products. However, in addition to the DentalLLM, Sikka.ai offers a synthetic dental database, encompassing 15+ years of practice-level data, that the Sikka.ai API platform can access as a standalone product. This dataset covers data points such as appointment scheduling, treatment plans, patient demographics, and billing/insurance details. It is a vital tool for software developers aiming to differentiate themselves in the dental industry. The synthetic data, de-identified for privacy and compliant with all privacy laws, will allow developers to create their LLM from scratch or train and fine-tune previously unimaginable solutions to transform the oral healthcare industry.

The launch of DentalLLM marks a significant milestone in Sikka.ai's mission to deliver specialized AI solutions across various verticals. DentalLLM is now available in Sikka.ai's AI-API for integration into dental practice management systems, offering immediate benefits to early adopters. The waitlist for the Sikka.ai DentalLLM opened its doors in May and those who joined will have first

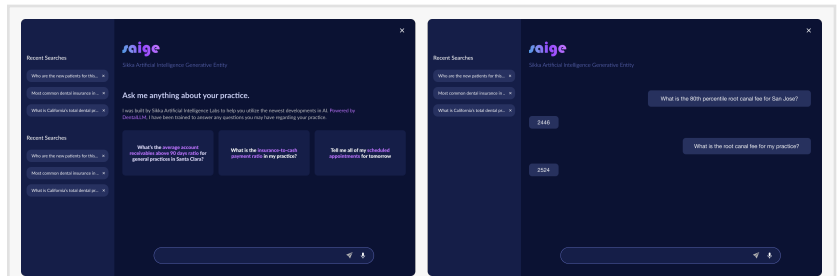


Figure 2 shows the Sikka.ai DentalLLM in action, suggested questions and the most recent searches.



sikka.ai's logo and brand image pay homage to its decades of experience at the forefront of artificial intelligence applications.

access to DentalLLM's capabilities.

For more information about DentalLLM or to join the waitlist, please visit [api.sikkasoft.com](https://api.sikkasoft.com)

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