

DineBot

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1 Short Description

DineBot is a LLM-backed waitress that walks customers through menus and help them order cuisines.

2 Long Description

Restaurant menus can often be complex, filled with a variety of cuisine names, wine selections, ingredients, and detailed cooking descriptions, which can be overwhelming for customers. DineBot offers a solution by guiding customers through the menu, explaining dishes, making personalized recommendations based on their preferences, and assisting with placing orders. Whether deployed on the restaurant's website for online orders or used on-site during times of staff shortages, DineBot can significantly enhance the dining experience by easing the decision-making process for customers.

3 Technology & Category Tags

1. Retrieval Augmented Generation(RAG)

DineBot utilizes Retrieval Augmented Generation(RAG) to provide LLM with contents on the menu related to users' query.

2. Hierarchical Documents

Organized documents are extremely beneficial for information retrieval. Luckily, most restaurants' menus are well-structured so could be directly used for DineBot.

4 Market Scope & Future Prospect

Market is huge. Restaurant is a market of billions. Improved Dining experience will generate more revenues for the restaurants. In the future, DineBot could be deployed on restaurants' websites or on their onsite machines.