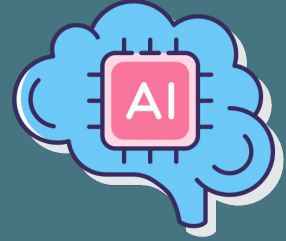Introducing Chat GPT-3 Next Generation of Chatbot

Optimizing Language Models Dialogue for Business Conversation

Collaboration Technology By :

BOTIKA OpenAI Microsoft Azure

What is GPT-3 ?

Generative Pre-trained Transformer 3 (GPT3)

Generative Pre-trained Transformer 3 or hereinafter referred to as **GPT3** is a model from the field of Machine Learning developed by **OpenAI**. The way GPT3 works is predicting or generating word for word to complete a series of sentences from the Prompt instructed by the User.

GPT3 has now undergone several upgrades/enhancements, where now the default model is already using version **GPT3.5** or commonly known as **InstructGPT**. This model is better at recognizing "instructions" or commands from the User than the previous model.

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Data Set GPT3 & API Access

More Than 750GB Data

In order to be able to generate words and understand their context in natural human language, GPT3 is trained using a data set in the form of a very large text. The estimated size of the data used is ~750GB which is adapted from Common Crawl, Wikipedia, various collections of books, journals, and other Internet references.

API Access
The way it works so that we can use this prompting feature can only be accessed via the API endpoint that has been provided by the developer (OpenAI). Because GPT3 is no longer open-source and imposes pricing on the use of the model.

GPT 3 consists of 4 model choices, where for the Chatbot case the model used is the highest class named **Davinci.**

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What is ChatGPT ?

Optimizing Language Models for Dialogue

ChatGPT is one of the Large Language Models (Large Language Model) developed by **OpenAI** and is an advanced version of **GPT-3**.

OpenAi trained **ChatGPT** which interacts in a conversational way. The dialogue format makes it possible for **ChatGPT** to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests. ChatGPT is a sibling model to **InstructGPT**, which is trained to follow an instruction in a prompt and provide a detailed response.
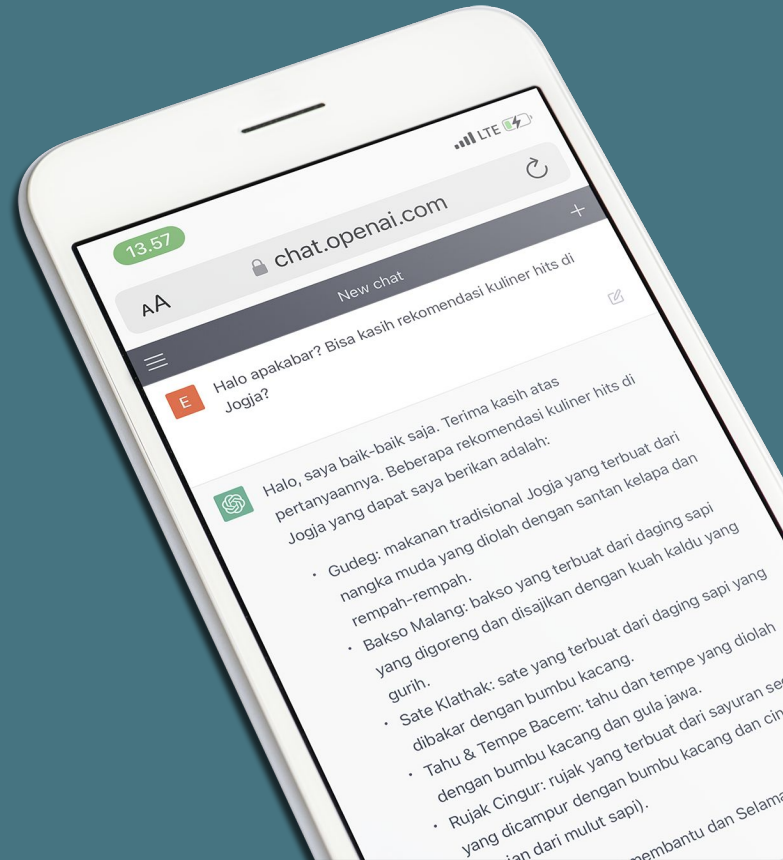
Chatbotika

Smart Chat
Assistant For Business

OMNIBOTIKA

One Dashboard
Omnichannel System

OpenAI

Generative Pre-trained
Transformer 3 (GPT3)

Microsoft Azure

Cloud Platform & Services

01
02
03
04

Collaboration Technology

New Chatbot Dialogue Models For Business Conversations

Conversational solutions that are more relevant and natural with customers are urgently needed at this time, to be able to create stronger bonds with consumers. With the existence of GPT3 technology, it is very possible to create Super Chatbots that are able to communicate even better with consumers.
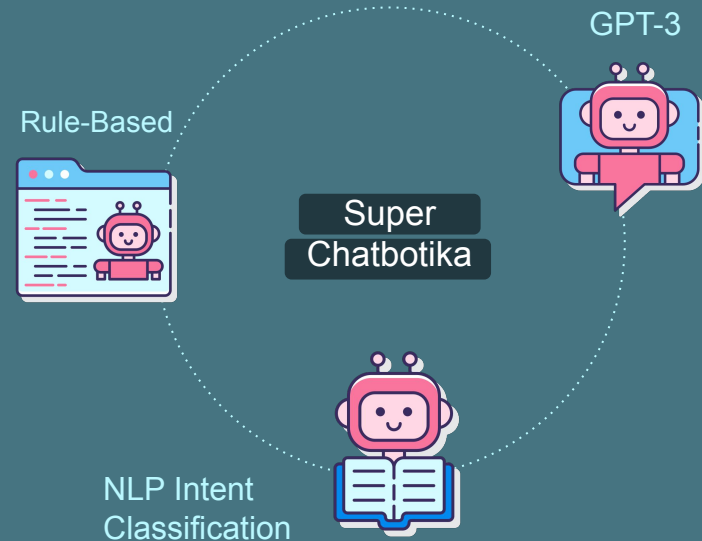
New Product Advantage

Smart, Natural and Fast Response

By combining **Botika** current design of the Chatbot system, **Rule-based Technology, NLP Intent Classification** with Generative Pre-trained Transformer 3 (**GPT3**) So that it will produce dialogue through chatbots that are more natural, accurate and fast response for business conversations.

Rule-Based

GPT-3

Super Chatbotika

NLP Intent Classification

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New Product Advantage

Main Features of GPT3 & Chatbotika

Understanding Conversation Flow and Remembering Previous Conversations

By providing a prompt containing the previous conversation between the user and the Chatbot as exemplified in the Ramen case above. indirectly GPT3 is able to understand the conversation flow that is being carried out with the user so that it looks more natural like chatting with a real CS human/agent.

Support Multi Language

If using the Chatbot Intent Classification (Keyword) Model, it is necessary to separate intents that speak English and also Indonesian, because otherwise it will cause confusion and instead have an impact on decreasing model performance in predicting Intent.

But in GPT3, the prompt used can be multilingual at once and the model is still able to understand the intent of the user regardless of the language used. If asked in English while the majority of the contents of the prompt are in Indonesian, the model still understands questions from users and provides appropriate answers.

Understanding the Context of Complex User Sentences

If the use of Intent Classification, there is a challenge to understand the intent of the User which is very diverse, especially from the different language styles of each User, so it usually still needs to be iterated to revise the intent.

GPT3 is able to know the intent of what the user wants to convey so that the conversation between the user and the Chatbot becomes even more natural.

Able to Complete Multiple Text-Related Tasks (NLP)

Because GPT is already able to follow user "Instructions" properly, of course this also has an impact on what tasks GPT3 can complete. Some of the tasks that can be completed by GPT3 are as follows:

- Conversational AI (Chatbots)
- Summarization or summarizing the text
- Text Extraction (Search for Entity or points in a Paragraph)
- Translation
- Classification (Categorization like the example of Intent Classification)
- Questions & Answers
- Sentiment Detection/Classification
- Create Essays
- Title/Tagline Generator
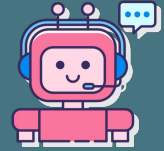- Create A Review and Many More

New Product Advantage

Super Chatbotika with GPT-3

- Understanding Conversation Flow and Remembering Previous Conversations.
- Understanding the Context of Complex User Sentences.
- Support Multi Language.
- Able to Complete Multiple Text-Related Tasks (NLP).
- Able to create complex journey user systems.
- Able to access external API data, OCR, STT, TTS ,etc.
- The system can remember user-related variables such as name, mop id.
- Allows escalated to omnichannel.
- The system can be connected to multichannel.

Luna

Halo
2 minutes ago

Hai, selamat hari Sabtu, Tetap jaga kesehatan ya 😊

[tips percintaan] [rekomendasi film] [lainnya]

Atau kamu bisa ketik pertanyaan atau ngobrol dengan bebas
2 minutes ago

Coba rekomendasikan olah raga yang hemat biaya?
2 minutes ago

Jogging, berenang, dan bersepeda adalah olahraga yang hemat biaya dan juga baik untuk kesehatanmu. :)
2 minutes ago

Kalau jogging sebaiknya berapa lama?
a minute ago

Untuk jogging, sebaiknya kamu lakukan minimal 30 menit sehari dan tingkatkan intensitasnya sesuai kemampuanmu.

Powered by Botika

Silakan ketik...

Improved Customer Service and Sales Using New Version

1. **Personalization** : Chatbot can recognize customers and provide product recommendations according to customer preferences.
2. **Purchase Process**: Chatbots can help customers make the purchase process easily and quickly, including payment, delivery and cancellation.
3. **Sales analytics** : Chatbots can collect data from customer interactions and analyze this data to provide accurate sales reports and can be used to improve sales strategies.
4. **Up-selling and cross-selling** : Chatbots can provide product recommendations that match the products that customers are buying, so as to increase sales.
5. **24/7 customer service** : Chatbot can provide 24-hour customer service, so that customers can make purchases and continue anytime and from anywhere.

6. **Integration with inventory systems :** Chatbot can be integrated with the company's inventory system so that it can provide accurate information about product availability and delivery times.
7. **Chat-to-call feature** : Chatbots can direct customers to talk to customer service if they need further assistance or if customer requests cannot be resolved via text-only conversations.
8. **Targeting ads** : Chatbots can target ads to customers according to their preferences and past purchasing behavior.
9. **Ordering products and services** : Chatbots can help customers to order products or services, either online or offline.
10. **Payment features** : Chatbot can accept payments from customers through various methods, such as credit card, debit, e-wallet, etc.