Chat Assistant - Human Centricity

Features

- Finally, a secure way to implement ChatGPT in Enterprise.
- Easy to use, end user Interface.
- Rating system for each AI Generated Response.
- Feedback System.
- Users can create multiple prompt personas to suit and how they work.
- Self-Monitoring, Search logs of past interactions to encourage reuse.
- Built-in & Secure Administrative Backend
- Live Auditing Dashboard.
- Admin Feedback Log
- In App Moderations, "_BLACK List Words_" prevent submission, "_GREY List Words_" are logged.
- Notifications of Feedback submissions and Triggered "_Grey List Words_"

Requirements

- Power Platform Premium Licensing
  - Dataverse
  - Custom Connectors
- Azure Subscription
  - Access to Azure OpenAI

Azure and Power Platform Technologies Used

- Azure Cognitive Services, OpenAI
- Power Platform Custom Connector – connects Azure to the Power App
- Power Platform Canvas Application – the application
- Power Platform Power Automate – the notification system.

Azure OpenAI, Access, Limits & Requests

- 1st you may need to request access to Azure OpenAI Services. If you need to access this link and fill out the form. https://aka.ms/oaiapply
- This service has a hard set of limits that may become restrictive as this solution scales. If you reach limits the application will error out often or not work at all. You can request increases here https://aka.ms/oai/quotaincrease to avoid this.

Chat **Assistant** - Differences between Azure version of OpenAI vs OpenAI Direct

Feature	Azure OpenAI	OpenAI Direct - ChatGPT
Ownership	Co-developed by Microsoft and OpenAI	OpenAI
GPT-4 Support	Supports the latest GPT-4 models (currently in preview)	This is a paid service with a $20 monthly subscription to ChatGPT Plus
Security	Offers the security capabilities of Microsoft Azure	Not specified
Image Input Support for GPT-4	Not supported yet	Designed to be multimodal, but not specified
VNET and Private Endpoints Support	Supports VNETs and Private Endpoints	Not specified
Access	Need access to Azure and require an application to use Azure OpenAI	Access available to everyone
Learning Resources	Offers introduction to Azure OpenAI training course 1	Learning resources available
Customer Support	Part of Azure Cognitive Services support options 2	Customer support through various channels, including email support
Fine-Tuned Model Creation	Allows creation of up to 100 fine-tuned models	Not specified
Training data for fine-tuning model	Training data provided is only used to fine-tune the customer's model and is not used to train or improve any model	Data submitted to the API prior to March 1, 2023 may have been used for improvements
Prompts and completions for ChatGPT	Stores prompts and completions data for a maximum of 30 days in the same region, which is encrypted and only accessible to authorized Microsoft employees	Stores prompts and completions to train, retrain, or improve the models. Therefore, with this in mind, you should be careful when working with sensitive data[3]
SLAs for API Responses	The overall SLA for Azure OpenAI Service is the same as for other Azure Cognitive Services4	Not available but working towards it but have they have a status page 5
Pricing for ChatGPT (gpt-3.5-turbo)	Pricing is based on the pay-as-you-go consumption of $0.002 per 1K tokens (1,000 tokens is about 750 words)	Free plan with some limitations as well as paid plans. For the paid plans, the price is $0.002 per 1K tokens
Regional availability	Currently, only available in West Europe, East US and South Central US 6	Provides API access to many countries, regions, and territories

This is your opening screen to the application. You are given a friendly reminder that clicking the logo will start a new Chat session. This banner is temporarily displayed and disappears after 5 seconds.

Click this logo to start a new chat session... 3

Default Profile

application

0, 8192 Remaining

Submit

8192 Characters Remaining in This Session

Azure OpenAI

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V2.1.3.5 AZURE

In this screen you can see a full Chat turn where in the user has asked a question and the AI has responded. Several things to notate on this screen. Users can copy the AI response directly AND from within the chat history in the lower left. Users can also copy their prompts as well. Users can vote on the AI Response and provide feedback. More on this later. Take notes that above the Chat box it says "Default Profile", this is the current chosen profile that is active. More on this later

Generative AI Assistant

Default Profile

0, 7537 Remaining

Submit

To file a trademark patent, you should:
1. Conduct a comprehensive search of existing trademarks by using the United States Patent and Trademark Office's Trademark Electronic Search System (TESS) to ensure your proposed mark is available for use and registration.
2. Prepare and submit an application to the USPTO for a trademark registration. This process requires knowledge of the trademark law and the appropriate documents to be filed.
3. Monitor the status of your application to make sure it is approved.
4. After the application is approved, you will receive a certificate of registration.

To file a trademark patent, you should:
1. Conduct a comprehensive search of existing trademarks by using the United States Patent and Trademark Office's Trademark Electronic

How do I file a trademark patent?

7537 Characters Remaining in This Session

Feedback?

★★★★☆
RATE THIS ANSWER

Copy Response

V2.1.3.5 AZURE

In this screen the user has pressed the Orange FEEDBACK button and is presented with the dialog to enter in their feedback. Doing so will trigger a Power Automate email notification to the configured recipients from within the Cloud Flow.

Generative AI Assistant

Default Profile

0, 7537 Remaining

Submit

To file a trademark patent, you should:
1. Conduct a comprehensive search of existing trademarks by using the United States Patent and Trademark Office's Trademark Electronic Search System (TESS) to ... and is available for use and registra...
2. Prepa...
knowled...
3. Monit...
4. After ...

Feedback

Feedback goes here...

Submit

To file a trademark patent, you should:
1. Conduct a comprehensive search of existing trademarks by using the United States Patent and Trademark Office's Trademark Electronic

How do I file a trademark patent?

7537 Characters Remaining in This Session

Feedback?

★★★★☆
RATE THIS ANSWER

Copy Response

©2023 DEMO

V2.1.3.5 AZURE

__Here is one of the most powerful features Prompt Enginerring Persona Profiles__. Users often wear different hats to perform the various roles expected of them, and this feature fits perfectly. Users can have personas for general use, Executive writings, and Sales emails. There is no limit to how many Persona Profiles a user can have.

Prompt Engineering Setting

Create New Prompt Profile

🗑 **Default Profile** 👇
Last Modified 6/17/2023   ›

🗑 Executive Communication
Last Modified 6/17/2023   ›

🗑 Sales Email
Last Modified 6/17/2023   ›

Owner: me@davidsoden.com

Name: Default Profile   ⬤ Selected

Prefix: You are a business professional 40 years in age who writes in a very professional tone for your company

Suffix: When applicable, provide any next steps in an ordered list. Otherwise do not include this.

Max Words ⟶──○──────────── 167

Creativeness ───────────────○──── 0.7

🎁 *Learn More... about prompt engineering.*

Save

V2.1.3.5 AZURE

Here Users can access, see and copy out past prompts and the responses from the AI. They can also see how many tokens they have used up to date.

Search Prompt OR AI Response

DTS	User	Grey	Prompt	AI Response	Rating	SNT	REC	TL
Saturday, June 17, 202...	David Soden	No	✂ How do I file a trademark patent?	✂ To file a trademark patent, you should: 1. Conduct ...	4	55	122	177
Saturday, June 17, 202...	David Soden	No	✂ How do I file a trademark patten?	⊗ How do I file a trademark patent? ...ype of trademark you are seekin...	0	56	103	159
Saturday, June 17, 202...	David Soden	No	✂ how do I reboot Linux?	✂ . Rebooting a Linux system is a relatively simple pr...	0	52	130	182
Saturday, June 17, 202...	David Soden	No	✂ how do I reboot mac?	✂ section. 1. Shut down your Mac through the Apple ...	0	117	50	167
Saturday, June 17, 202...	David Soden	No	✂ how do I reboot windows?	✂ section. 1. Shut down your computer through the S...	3	52	53	105
Friday, June 16, 2023 3:...	David Soden	No	✂ write me a story about a dog named chip.	✂ "Chip the Curious Canine: A Tale of Adventure and...	0	79	406	485
Friday, June 16, 2023 3:...	David Soden	No	✂ write me a story about what it takes to be a good p...	✂ point You have always been a problem solver and h...	0	60	478	538

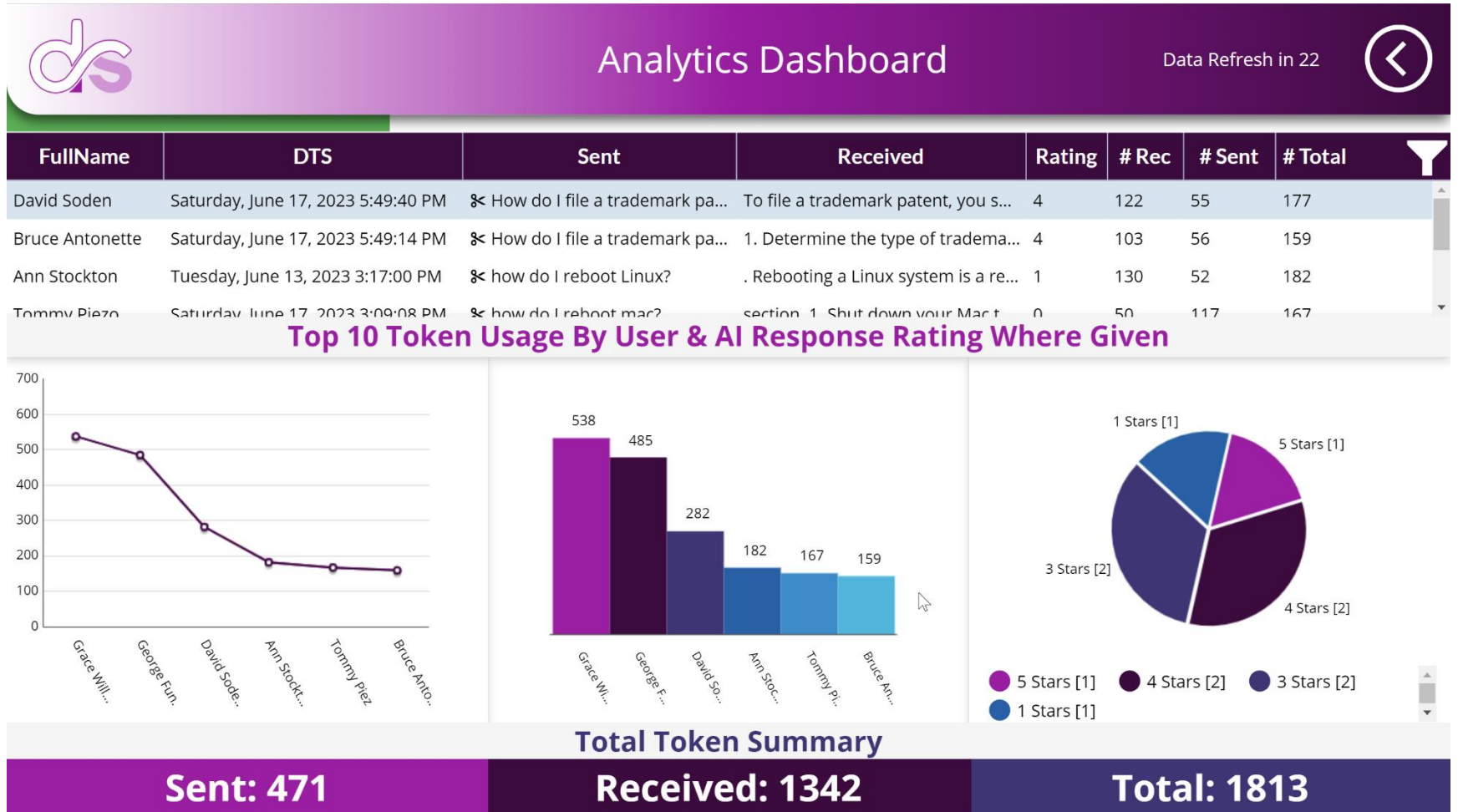| Sent: 471	Received: 1342	Total: 1813

The menu system is dynamically configured. Administrators of the system will see the full menu, where as regular users will not see menu items, specifically designated for admins.

On this administration screen, lies a powerful dashboard that gives you full governance and compliance auditability. See all past chats, click a row to see the entries tetails with full copy capabilities. See other stats at a glance such as token consumption across all users at the bottom of the screen or see your top 10 users. Finally you get a snapshot over the ratings of the AI Responses.

Analytics Dashboard

Data Refresh in 22

FullName	DTS	Sent	Received	Rating	# Rec	# Sent	# Total
David Soden	Saturday, June 17, 2023 5:49:40 PM	✂ How do I file a trademark pa...	To file a trademark patent, you s...	4	122	55	177
Bruce Antonette	Saturday, June 17, 2023 5:49:14 PM	✂ How do I file a trademark pa...	1. Determine the type of tradema...	4	103	56	159
Ann Stockton	Tuesday, June 13, 2023 3:17:00 PM	✂ how do I reboot Linux?	. Rebooting a Linux system is a re...	1	130	52	182
Tommy Piezo	Saturday, June 17, 2023 3:09:08 PM	✂ how do I reboot mac?	section. 1. Shut down your Mac t...	0	50	117	167

Top 10 Token Usage By User & AI Response Rating Where Given

Total Token Summary

Sent: 471	Received: 1342	Total: 1813

Here are the details of a spcific row from witin the Dashboard. You can copy the Prompt and the AI Response.

Analytics Dashboard

Data Refresh in 01

FullName	DTS	Sent	Received	Rating	# Rec	# Sent	# Total
David Soden	Saturday, June 17, 2023 5:49:40 PM	How do I file a trademark pa...	To file a trademark patent, you s...	4	122	55	177
Bruce Antonette	Saturd						159
Ann Stockton	Tuesda						182
Tommy Piezo	Saturd						167

David Soden Interaction Log 6/17/2023 5:49 PM ✕

User Question: How do I file a trademark patent?

AI Response: To file a trademark patent, you should:
1. Conduct a comprehensive search of existing trademarks by using the United States Patent and Trademark Office's Trademark Electronic Search System (TESS) to ensure your proposed mark is available for use and registration.
2. Prepare and submit an application to the USPTO for a trademark registration. This process requires knowledge of the trademark law and the appropriate documents to be filed.
3. Monitor the status of your application to make sure it is approved

5 Stars [1]

4 Stars [2]

⬤ 5 Stars [1] ⬤ 4 Stars [2] ⬤ 3 Stars [2]
⬤ 1 Stars [1]

Total Token Summary

| Sent: 471 | Received: 1342 | Total: 1813 |

In this administrative screen admins can review the full feedback log in context to the Prompt and AI Response. Remember you also get an email notification for each time feedback is submitted.

Feedback Log

David Soden
6/17/2023 3:08 PM

Feedback: This was an OK answer

Prompt: how do I reboot windows?

AI Response: section.

1. Shut down your computer through the Start Menu.
2. Once shut down, press the power button on your computer to turn it back on.
3. Your computer will now reboot and you should be able to continue using it.

V2.1.3.5 AZURE

In this screen you can configure words you wish to moderate by flaging them as BLACK = Forbidden, or GREY allowed but flagged and another notification is sent to those whom are configured from inside the Cloud Flow.

Moderation Key Word Manager

🗑	**Porn** 6/17/2023 4:00 PM	>
🗑	**jackass** 6/17/2023 5:58 PM	>
🗑	**hate** 6/17/2023 5:59 PM	>

New

* Word

Porn

Classification

Black ⌄

Save