Powered By

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To Me

10

Introducing ChatGPT

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions,

Customer Facing Easy Al Chatbots For Local Business

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Introduction

In this guide I will take you through the practical steps to create a public facing AI powered fully conversational chatbot.

To do this I will creating an OpenAl Assistant. This is a specific type of fully conversational AI chatbot that can be trained for specific functionality, purpose and business type etc.

In the previous book – How To Create Custom GPTs For Local | Business – I explained how to create a specific set of instructions for a business and a specific process. These same instructions used to create a Custom GPT can be used to create an AI Assistant.

With the Assistant created you can use the our WP chatbot plugin to connect to the Assistant you created and enable a chatbot to sit on your, or your clients, website. This is public facing and will be available to all website visitors.

You can use this to offer customer support specific to your customers. And as the chatbot is AI powered it is able to answer a much wider range of questions than a pre programmed static chatbot.

It is able to learn from the website and be trained on specific subjects or data. Like price lists, product catalogues or mortgage rates.



In this guide I will continue to use the same example of a Mortgage Advisor and the same instructions we created in the previous book.



Step 1: Plugin Installation Guide

This section will guide users through **installing**, **activating**, **and setting up** the WP Chatbot Assistant plugin in WordPress.



Installing the WP Chatbot Assistant Plugin

To use the WP Chatbot Assistant, you need to upload and activate it in your WordPress dashboard. Follow these steps:



1. Download the Plugin

Ensure you have the plugin's ZIP file (wp-chatbotassistant.zip) ready for upload.

2. Upload the Plugin to WordPress

- 1.Log in to your WordPress Admin Dashboard.
- 2.Navigate to **Plugins > Add New**.
- 3. Click Upload Plugin at the top of the page.
- 4.Click Choose File, select wp-chatbot-assistant.zip, and click Install Now.

Add Plugins Upload Plugin	
Important: Some Solid Security features are disabled because IP Detection has not been configured. Cor	ifigure Now
You're using Otter! Enhance your WordPress site building with Otter Pro. Learn more	
If you have a plug	jin in a .zip format, you may install or update it by upl
	Browse wp-chatbot-assistant.zip

3. Activate the Plugin

- 1. Once the installation is complete, click Activate Plugin.
- 2. After activation, a new settings page will be available under **Settings > Chatbot Assistant**.





Step 2: Configuring the Chatbot Settings

After installing the plugin, the next step is to configure its settings to connect it to an OpenAI Assistant and customize its appearance and behaviour.

Accessing the Chatbot Settings

- 1. In the WordPress admin dashboard, go to **Settings > Chatbot Assistant**.
- 2. The settings page contains several options for configuring the chatbot's functionality and appearance.

9 7	Media	Chatbot Settings	
P	Links		
	Pages	OpenAI API Key	
•	Comments	OpenAl Assistant ID	
Ø	Smart Links	openni Assistant ib	
۲	OptinMonster 1	Chatbox Title	Morgage Advisor
M	Neve		
*	Appearance	Assistant Name	Jennifer
ŕ	Plugins 🚺	Chatbox Placeholder	Ask a mortgage guestion
4	Users		
ىكى	Tools	Initial Default Question	Check If I Qualify For A Mortgage
4t	Settings		Enter an initial default question. This question will appear as a k
Ger	neral		
Wri	iting	Chatbox Background Color	
Rea	ading		
Dis	cussion	Chatbox Text Color	
Me	dia		
Per	malinks	Save Changes	
Priv	/acy		
Cha	atbot Assistant		



General Settings

- OpenAl API Key Enter your OpenAl API key to enable the chatbot to communicate with your assistant.
 <u>https://platform.openai.com/settings/organization/api-keys</u>
- OpenAl Assistant ID Enter the Assistant ID for the OpenAl Assistant you want the chatbot to use. This ensures the chatbot is connected to the correct Al model. See details in next section.
- **Chatbox Title** Customize the title displayed at the top of the chatbot window.
- Assistant Name Set the name displayed in chatbot conversations (e.g., "Jason Mortgage Broker Assistant").
- Chatbox Placeholder Customize the placeholder text in the chat input field. e.g. "Ask me a question about mortgages".

Default Question

- Initial Default Question Enter a question that will be displayed as a button in the chatbot. Users can click this button to ask the chatbot the predefined question without typing.
- The default question for the mortgage broker chatbot is:
 "Check if I qualify for a mortgage." This would start a specific process where the chatbot asks questions and leads the conversation to get the results.

Appearance Settings

- Chatbox Background Color Select a colour for the chatbox header, send button, and default question button.
- Chatbox Text Color Select a colour for the text in the chatbox header, send button, and default question button.



Saving Your Changes

Once you have entered the required details, click **Save Changes** at the bottom of the settings page. The chatbot will update immediately with the new settings.



Step 3: Connecting the Chatbot to an OpenAl Assistant

For the chatbot to function properly, it must be connected to an OpenAl Assistant. This section provides a **step-by-step guide** to creating and configuring your assistant using OpenAl's platform.

1. Accessing the OpenAl Assistants Platform

1.Open your web browser and go to the OpenAl Assistants page:

https://platform.openai.com/playground/assistants

- 2. If you're not already logged in, sign in using your OpenAl account.
- 3.Click **"Create an Assistant"** to start setting up a new assistant.

2. Naming Your Assistant

- In the Assistant Name field, enter: Jason – Mortgage Broker Assistant
- This name will be displayed in your OpenAI dashboard and referenced in the chatbot settings.

Assistants

🙁 Jason - Mortgage Broker Assistant

¢

Name

Jason - Mortgage Broker Assistant

asst_GXMc72hIsoS686UG0vH9gShK



3. Configuring Assistant Instructions

The **Instructions** field defines how the assistant behaves, what it can and cannot do, and how it interacts with users. This section is crucial because it determines how the chatbot responds to mortgage-related queries.

System instructions		•
Custom GPT Name: Jason - Mortgage Broker Assistant Description:		
Jason is a Mortgage Broker Assistant that answers cust and guides them through mortgage applications. It spec providing clear, step-by-step assistance to simplify the r	omer cialize mortg	queries es in _L jage
Model		
gpt-4o		\$
TOOLS		
File Search 🛈	0	+ Files
Vector store for Jason - Mortgage Broker Assistant vs_67ca22b998e08191a9a9e6ddd3883ddf		55 KB
Code interpreter 🛈		+ Files
tony-marriott.com-assistant-data.txt 🖸		

Copy and paste the following instructions into the **Instructions** field of the OpenAl Assistant settings:

Jason – Mortgage Broker Assistant Instructions Description:



Jason is a Mortgage Broker Assistant that specializes in answering mortgage-related queries and guiding users through loan applications. It follows a structured question-and-answer approach to help users assess mortgage eligibility, compare loan options, and generate printable mortgage estimates.

Core Behavior and Restrictions:

- Jason only answers mortgage-related queries.
- If a user asks a question outside of mortgage topics, Jason responds:
 - "Sorry, I can't help with that."
- Jason always ends responses with a relevant question to maintain the conversation flow.
- Jason asks for **one piece of information at a time**, unless offering a **multiple-choice question**.

Conversation Flow & Process Steps

- 1. Greeting and Initial Inquiry
 - Chatbot: "Hi, I'm Jason, your mortgage assistant. How can I help? Would you like a mortgage assessment?"

2. Identifying the User's Needs

- Chatbot: "Are you a first-time homebuyer, refinancing, or just exploring options?"
- 3. Collecting User Information (One Question at a Time)
 - "What is your estimated annual income?"
 - "Do you know your credit score range? (Excellent, Good, Fair, Poor)"
 - "What loan amount are you considering?"



4. Providing an Estimated Loan Amount

• Chatbot: "Based on your income and credit score, you may qualify for a loan up to [amount] with an estimated interest rate of [rate]%. Would you like a printable summary of this estimate?"

5. Generating a Printable Mortgage Summary

• Chatbot: "Would you like your mortgage estimate in a printable format? I can generate a PDF or text summary for you."

6 Uploading Business-Specific Mortgage Data

• Chatbot: "If you'd like more precise mortgage options, you can upload a PDF of mortgage offerings from your lender, and I will provide tailored recommendations."

<<<<<<<<

4. Configuring Additional Assistant Settings

After entering the instructions, OpenAI provides several additional configuration options. Adjust them as follows:

File Search (Enable if Using Document Uploads)

- Jason will use uploaded files (such as lender mortgage PDFs) as reference material or website text data generated by the chatbot plugin.
- The process of uploading files is covered in the next section.

Code Interpreter (Disable)

• This chatbot (in this example) does not require **Code Interpreter**, so leave it **disabled**.





• This feature is primarily used for advanced calculations, but Jason's responses are based on pre-defined mortgage logic.

Response Format (Keep Default)

- Leave **Response Format** as the default option (**Text-based replies**).
- Jason provides structured, human-readable answers rather than JSON-based responses.

Temperature (Set Between 0.2 – 0.5)

- Temperature controls the randomness of responses.
- Set this to **0.3** to keep Jason's answers structured and reliable.
- A higher value (e.g., 0.8) makes responses more creative but less predictable. More creativity may be used for creating stories, music or artwork etc.

5. Saving the Assistant & Retrieving the Assistant ID

- 1.Scroll down to the bottom of the page and **click "Save"** to finalize your assistant settings.
- 2.After saving, an Assistant ID will be generated (it will look something like asst XXXXXXXXX).
- 3. Copy this Assistant ID—you'll need it to connect the chatbot to your website.

Jason - Mortgage Broker Assistant

asst_GXMc72hIsoS686UG0vH9gShK



Adding the Assistant to the Plugin

Once the assistant is created, follow these steps to integrate it with your WordPress chatbot:

- 1. Copy the Assistant ID from OpenAl.
- 2.In WordPress, go to **Settings > Chatbot Assistant**.
- 3. Paste the Assistant ID into the OpenAl Assistant ID field.
- 4. Click Save Changes.

Chatbot Settings	
OpenAl API Key	sk-9LKlxxxxxxxxxxxxxxxxxxxxxX8tSdM1XOBxYY9zTwc
OpenAl Assistant ID	asst_GXMc7xxxxxxxxXH9gShK

Your chatbot is now connected to the OpenAl Assistant and ready to answer mortgage-related queries.



Step 4: Training the Assistant with Website Content

To improve the chatbot's ability to answer mortgage-related queries, you can provide it with relevant content from your website. The WP Chatbot Assistant plugin includes a built-in tool for exporting text from selected pages and posts. This content can then be uploaded to OpenAl's Assistants platform to enhance Jason's knowledge.

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Exporting Website Content for Training

- 1. In the WordPress admin dashboard, go to **Settings > Chatbot Assistant**.
- 2. Click on the **Chatbot Export** tab.
- 3.A list of all website pages and blog posts will be displayed.
- 4. Select the pages and posts that contain useful mortgagerelated information.
- 5. Click the **Generate and Download** button.

The plugin will create a .txt file containing the text from the selected posts and pages.

The exported file will be named using your website's domain name, for example:

yourwebsite.com-assistant-data.txt

9 1	Media	Select all pages and posts from the list below to create a text data file for training the assistant.
P	Links	Once downloaded, upload the file to the assistant in the OpenAI Assistants page: <u>https://platform.op</u>
	Pages	🗌 test bot
Ţ	Comments	Terms & Conditions
		Privacy Policy
Ċ	Smart Links	Plan Your Content: Building a Roadmap for Attracting Visitors
Ô.	OptinMonster 🚺	Defining Your Purpose: Building a Roadmap for Your Online Journey
		Summarizing Your First Steps Online: Building the Foundation of Your Digital Success
M	Neve	Purchasing Hosting: Setting the Foundation for Your Website
~	Appearance	Choosing a WordPress Theme: Setting the Style for Your Site
		Creating a Google Account: Your Gateway to Essential Online Tools
×	Plugins 🚺	WordPress Backups: Protecting Your Website's Data
4	Users	Keeping Your Site Safe: WordPress Security Basics
بو	Taola	Enhancing Your Site with WordPress Plugins
6	loois	WordPress Admin Tour: Navigating Your Site's Control Center
††	Settings	Building Your Website with WordPress: Bringing Your Vision to Life
Gei	noral	Setting Up Your Domain Email: A Professional Touch
		Exploring cPanel: Your Website's Control Center
Wn	iting	Connecting Your Domain Name to Hosting: Making Your Website Accessible Online
Rea	ading	Buying a Domain Name: Your Unique Online Address
Dis	cussion	WordPress vs. HTML: Why WordPress is Ideal for Beginners
Me	dia	Getting Started Online: The Essentials You Need
Per	malinks	A Beginner's Guide to Product Creation: Why It's More Than Just Profits
Priv	/acv	Reputation Management for Beginners: Reviews and Ratings
ch	athot Accistant	A Basic Guide to Accessibility: Legal and Inclusive
		Business Citations: A Beginner's Guide
Cha	atbot Export	A Beginner's Guide to Google Business Profile (formerly Google My Business)
C	hatbot Assistant	(Local Business part 1) Selling Services To Offline Clients
c	hatbot Export	100 Quick Traffic Tips
		180 Free Online Resources To Help With Your IM
Ir	nagity	The 12 Steps of a Killer Sales Page
х	ML-Sitemap	Making sense of Competition & search Volumes - Exact, Broad & Ph
6	All in One SEO	My Best Advice To All New Internet Marketers
		Your Greatest Resource For IM Training
C	Backup Migratio	n
Ū	Security	Generate and Download



Uploading the Content to OpenAl

- 1.Go to OpenAI's Assistants page: <u>https://platform.openai.com/playground/assistants</u>
- 2. Open the Jason Mortgage Broker Assistant settings.
- 3. Look for the "File Uploads" section.
- 4. Upload the exported txt file from your computer.
- 5.OpenAI will process this data, allowing Jason to provide more accurate responses based on your website's information.

TOOLS		
● File Search ④	0	+ Files
Vector store for Jason - Mortgage Broker Assistant vs_67ca22b998e08191a9a9e6ddd3883ddf		55 KB

Best Practices for Content Selection

- Select **FAQ pages**, blog posts, and guides related to mortgage eligibility, loan types, and refinancing.
- Avoid pages with irrelevant content or marketing-heavy language.
- Keep the exported content concise and structured for better Al comprehension.

Once the content is uploaded, Jason will use it as reference material when responding to user queries, improving the accuracy of his answers.



Step 5: Using the Chatbot on Your Website

Once the plugin is installed, configured, and connected to an OpenAl Assistant, visitors can start interacting with the chatbot on your website. This section explains how the chatbot works and how users can engage with it.

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How the Chatbot Appears on the Website

- The chatbot remains **hidden by default**, displaying only the assistant's avatar.
- Clicking on the **avatar** opens the chatbot interface.
- The chatbot will display an **intro message** explaining its purpose.





User Interaction with the Chatbot

- Visitors can **type questions** in the chat input box and click **Send** to submit them.
- The chatbot responds based on its training and OpenAl Assistant settings.
- Users can also click the **default question button** to quickly check mortgage eligibility. This will prompt the chatbot to take control of the conversation and ask you what it needs to complete the task.

Example Interaction

- 1.A visitor clicks the chatbot avatar to open the chat.
- 2. The chatbot greets the user:
 - "Hi, I'm Jason, your mortgage assistant."
- 3. The user types: a question or clicks the "Check if I qualify for a mortgage" button.
- 4. The chatbot guides the user through questions about **income**, **credit score**, **and loan amount** or answers the specific questions.
- 5. If applicable, the chatbot offers to **generate a mortgage estimate** as a PDF or text file.

Chatbox Features and Customization

- The **title**, **assistant name**, **and colours** can be customized in the settings.
- The **default question button** can be changed to match business needs.
- The chatbot can be styled further with **custom CSS**.

The chatbot provides an interactive way for users to **assess mortgage eligibility** and explore loan options without human assistance.



Step 6: Security and Best Practices

To ensure the WP Chatbot Assistant functions securely and efficiently, follow these best practices when using the plugin.

Protecting Your OpenAI API Key

 The plugin securely stores the API key in the WordPress database and uses server-side requests to communicate with OpenAI so your API key is never revealed in the public facing code.

Restricting Assistant Responses

- The chatbot only answers **mortgage-related queries**, as defined in the assistant's instructions.
- If users ask unrelated questions, Jason responds with: "Sorry, I can't help with that."
- This prevents misuse and ensures the chatbot stays on-topic. It is important to ensure that users cannot abuse the AI power available so restricting to a narrow subject is required.

Limiting Data Exposure

- Only select **relevant posts and pages** when exporting website content to train the assistant.
- Avoid including **sensitive or private data** in the uploaded training files.

Regularly Updating the Plugin

- Keep the plugin updated to ensure compatibility with **new OpenAl API versions**. Check your download page for updates.
- Future updates may include performance improvements, security enhancements and additional functionality.



By following these steps, you can ensure that the chatbot remains secure, reliable, and aligned with business objectives.