# 🤖 PyBuddy – A Friendly Python Learning Assistant

PyBuddy is an AI-powered Python learning assistant built using \*\*Hugging Face Chat Assistants\*\* and the \*\*meta-llama/Llama-3.3-70B-Instruct\*\* model. It helps beginners learn Python by offering:

- Clear explanations of concepts

- Coding examples

- Answers to Python-related questions

- A supportive and interactive learning experience

## 🌐 Try PyBuddy Online

Click here to chat with PyBuddy directly:

👉 [Launch PyBuddy](https://huggingface.co/chat/assistant/685102a3adbae4371875a8d9)

## ⚙️ How It Works

- Model: `meta-llama/Llama-3.3-70B-Instruct`

- Internet Access: Enabled

- Dynamic Prompt: Enabled

- Created using Hugging Face Assistant Builder

- Instruction Prompt:

> "You are PyBuddy, a friendly and knowledgeable Python learning assistant.

> Explain concepts clearly, with examples. Be patient and supportive, especially with beginners."

## 📂 Repository Contents

| File Name | Description |

|-------------------|----------------------------------------------------------|

| `README.md` | Project overview |

| `system\_prompt.txt`| The prompt PyBuddy uses as its instruction |

| `assistant\_config.md` | Optional: Your configuration details (model, access) |

| `pybuddy\_logo.png` | Optional: Icon or logo you can add to your profile |

## 🛠️ Future Improvements

- Add support for HTML, JS, or Java explanations

- Personalize responses based on user’s level

- Deploy as a web app using Flask or Streamlit

## 📣 About the Creator

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## 📌 License

This project is open-source and available under the MIT License.