

The background is a dark blue gradient. On the left, there is a circular inset showing a close-up of a circuit board. Overlaid on this and the background are two large, overlapping geometric shapes: a blue parallelogram and a light green parallelogram. In the top right corner, there is a faint, stylized pattern of interconnected lines and squares, resembling a circuit or a data network.

A Gateway to AI for Professionals

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Overview

AI is quickly impacting every industry, some more than others. It's never been more important to understand the basics of Generative AI, but can that understanding happen in a vacuum?

No. You cannot properly understand and apply generative AI to your life without a better understanding of certain basic computer concepts: programs, processes, APIs, interfaces, and databases. These are all basic computer concepts that can get you on the road to being an AI or data expert.

This tool is intentionally “makeshift” to expose all of these concepts to the professional interested in taking total control when interacting with generative AI.



Making A Simple Problem Suitably Complex

- 01 ChatGPT is a powerful tool, but the interface is a single text-box. It's up to the user to find their own laborious copy-paste interactions. Additionally, it's 20 dollars a month. Not everyone is ready to commit to that.
- 02 OpenAI, the ChatGPT creator, has a powerful API, Application Programming Interface, that give you another option for using ChatGPT: You become an AI Developer. Why should you consider that if you're not a tech professional?
- 03 **If you work on a computer, you are a tech professional.** The line between tech professional and technically-adjacent professional is blurring. This tool is designed to show you how accessible coding has become.



Project objective

This project consists of A Jupyter Notebook that runs a program to create an interface to send structured prompts to OpenAI generative text models and save the interactions to Google Drive for persistence across sessions.

The notebook uses python libraries to create the database and the interface, letting the user focus on learning computing concepts in just one programming language.

Target audience

This tool is targeted at any professional who uses a computer in their day to day work and wants a cost and time efficient way to find structured use cases for AI in the workplace.

It requires a willingness to read code and struggle with the concept of ordered computer operations occurring in a theoretical space where values can be stored in memory in various programmatic ways.





Wendy Writer

Wendy needs to write an email to her reports after every one-on-one. She wants to make sure the grammar is perfect, and that every email has all of the sections she would normally include. Her notes are candid, and she has to convert them to a more formal business tone before sending. She thinks AI might be able to speed up that process.

Wendy could use a tool that has a complex prompting structure that makes sure the emails produced don't sound like typical AI output, while also satisfying her drive as a manager to stay up to date with the latest professional skills.





Barry Books

Barry is applying for jobs. He heard that chatGPT is great at creating resumes and cover letters, but he's not sure how to make it work. He doesn't want to spend 20 bucks a month on something that won't help him. He is also interested in maybe learning some coding skills to pad his resume. Maybe his last role was in marketing, sales, or customer service.

Barry could use a tool that is low cost, had the ability to save prompt templates, and taught him coding concepts along the way.





Market trends

“The top barriers hindering successful AI adoption at enterprises both exploring or deploying AI are limited AI skills and expertise (33%), too much data complexity (25%), ethical concerns (23%), AI projects that are too difficult to integrate and scale (22%), high price (21%), and lack of tools for AI model development (21%).”

Tools like this can get you right in that nexus of professional skills that will be needed to navigate this AI innovation wave.

Source:

<https://newsroom.ibm.com/2024-01-10-Data-Suggests-Growth-in-Enterprise-Adoption-of-AI-is-Due-to-Widespread-Deployment-by-Early-Adopters>



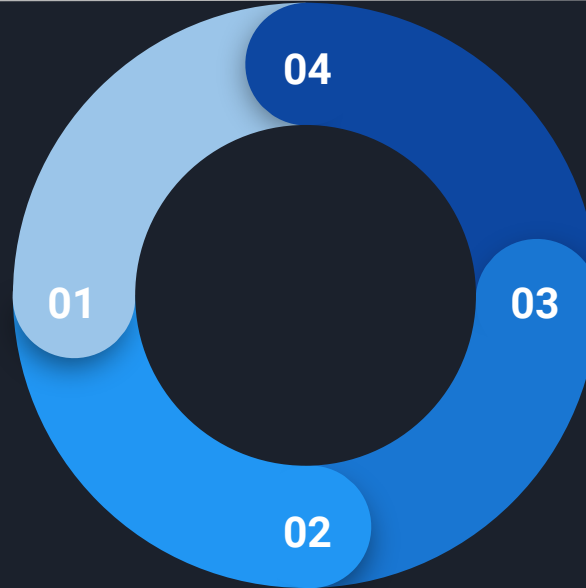
The AI Cycle

Initial Excitement

The novelty drives a few sessions of innovation

The Drop-off

Without structure or novelty, using Ai feels like a chore



Demo New Tool

You try the latest AI tool because you're worried about falling behind.

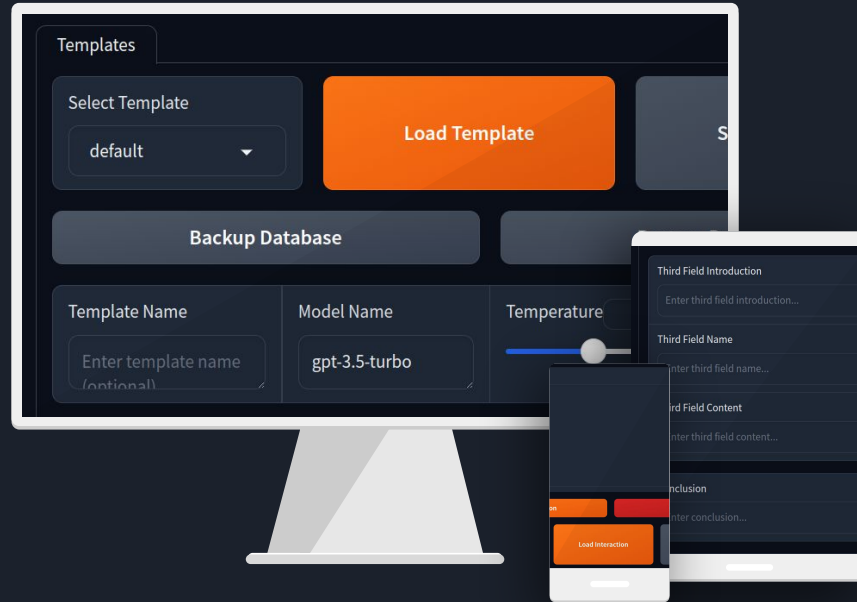
Headline FOMO

New AI tools are touted are gamechangers, new fear of missing out

How can you break the AI Cycle?

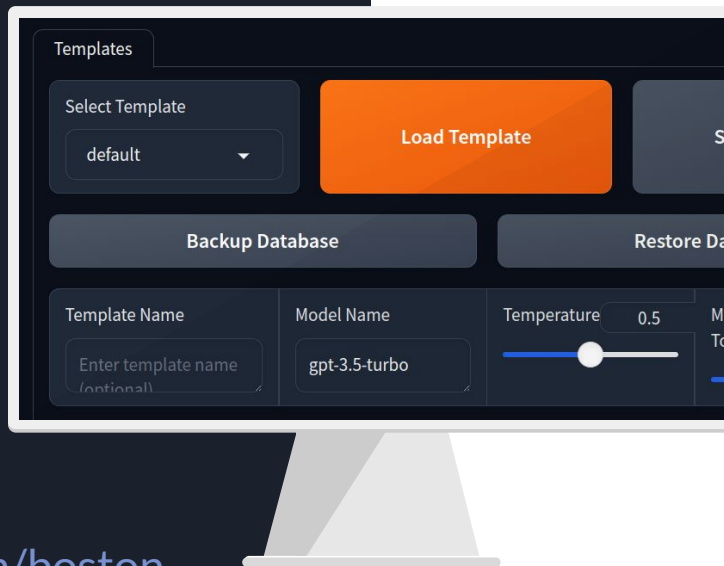
Learn to separate out the jargon and the hype by learning basic computer concepts

Use a tool that lets you take control of how you interact with AI so you can stay up to date the way a professional developer would.



Join an upcoming Live Session to learn how to get started with this free open source tool!

<https://www.meetup.com/boston-ai-training/events/gtcfmtygckbmc>



Participants will need a Google account and an OpenAI developers account.

If you don't have an OpenAI developers account, you can create one during the live session.