



# WELCOME TO OUR 10-DAY CHALLENGE AI CRAFTERS



COMMUNITY EVENT

# Our Presentation Plan

**Welcome & Our Purpose**

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**What is the 10-Day AI Challenge?**

**Challenge breakdown**

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**How It Works?**

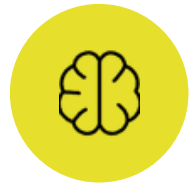
**Let's Get Started!**

**5**

# **Why** this community



**Because learning alone is hard. Together we grow.**



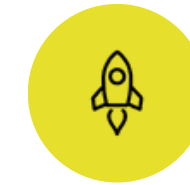
### **Make Connections and find mentorship**

Connect with like-minded, learn from their experiences, and get guidance to grow your skills



### **A Space to Grow**

We envision a collaborative environment where everyone helps each other, shares knowledge, and builds cool things.



### **Unlock Opportunities**

Beyond learning and sharing, active members gain access to exclusive opportunities and exciting projects.

# Our Goals

## Grow Together

- Foster a supportive, inclusive community.
- Organize regular events and engaging challenges.

## Craft Together

- Collaborate on open-source projects and experiments.
- Emphasize practical, hands-on learning experiences.

## Share Together

- Host insightful talks and vibrant discussions.
- share valuable resources and tutorials.

## Earn Together

- Connect members with local and international opportunities.

# Your Crafter Journey

We have 3 levels

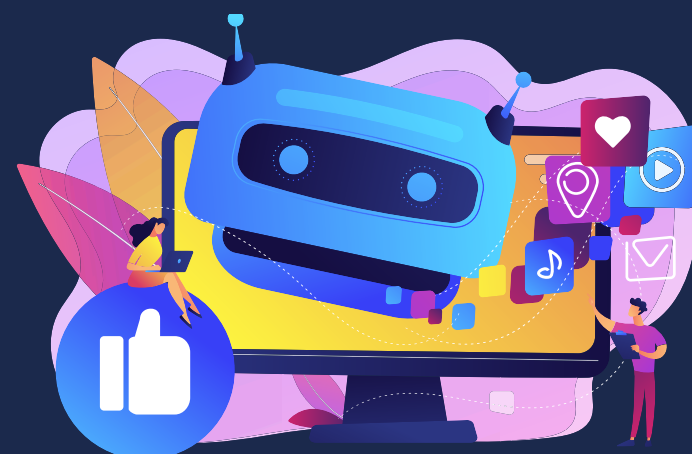
01

Learner Crafter



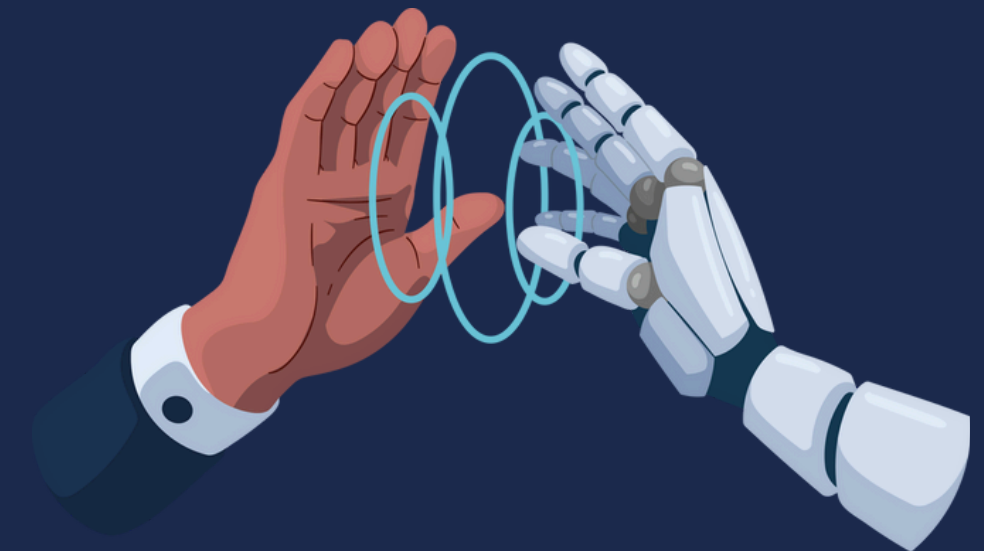
02

Builder Crafter



03

Master Crafter



# The 10-Day Challenge with AI Crafters



## Hands-on Learning

Dive into real-world AI use cases and gain practical experience.



## Open to All

Whether you're a beginner or experienced, this challenge is for everyone.



## Recognition & Growth

Showcase your skills and grow within our supportive community and gain prizes

This challenge is designed to be accessible and rewarding, fostering a spirit of continuous learning.



# 10 days Challenge with AI Crafters

1. Prompt Engineering
2. Image Generation
3. Music Generation
4. Virtual Try-On
5. RAG Basics
6. RAG Advanced
7. Fine-Tuning a Small Model
8. Vibe Coding
9. AI Agents
10. MCP Servers





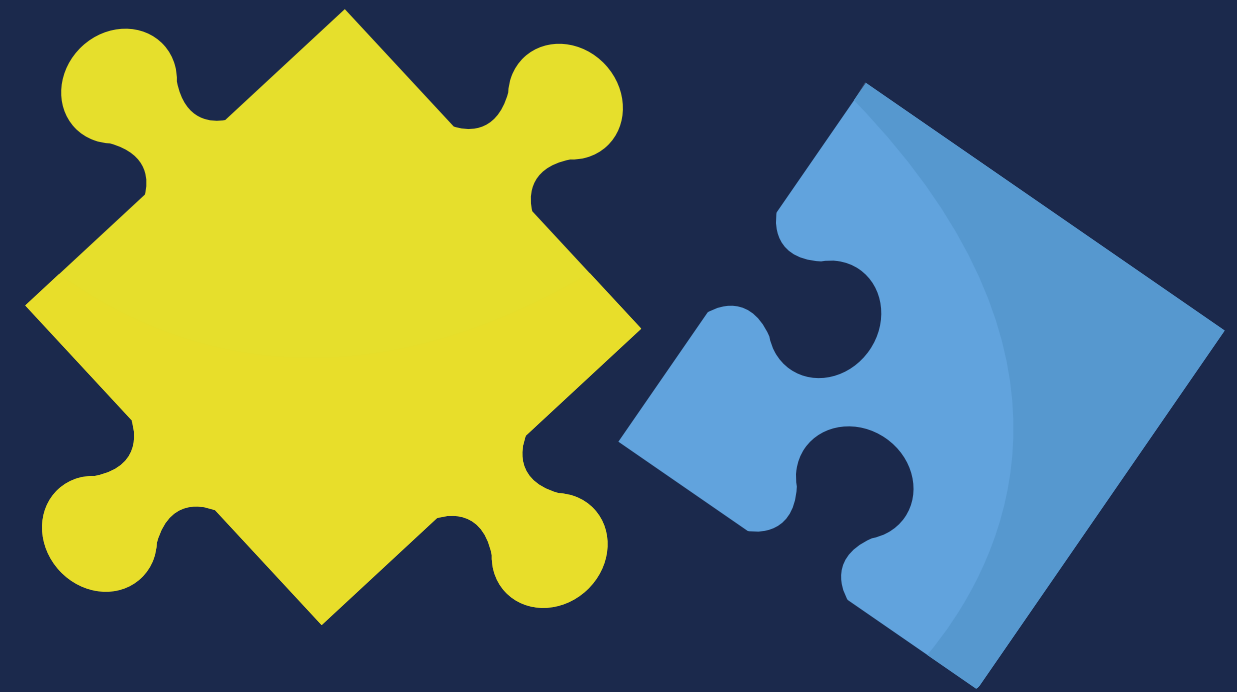
# Challenge breakdown

## Day 1 : Prompt Engineering

- **Objective:** Learn the basics of prompt engineering, a key skill in working with AI models.
- **Activities:** Create simple prompts and experiment with different types of queries for text-based models.
- **Submission:** Share examples of prompts and their outputs.

## Day 2 : Image Generation

- **Objective:** Dive into AI-powered image generation
- **Activities:** Generate an image based on a creative prompt.
- **Submission:** Submit your generated image and explain the prompt used.



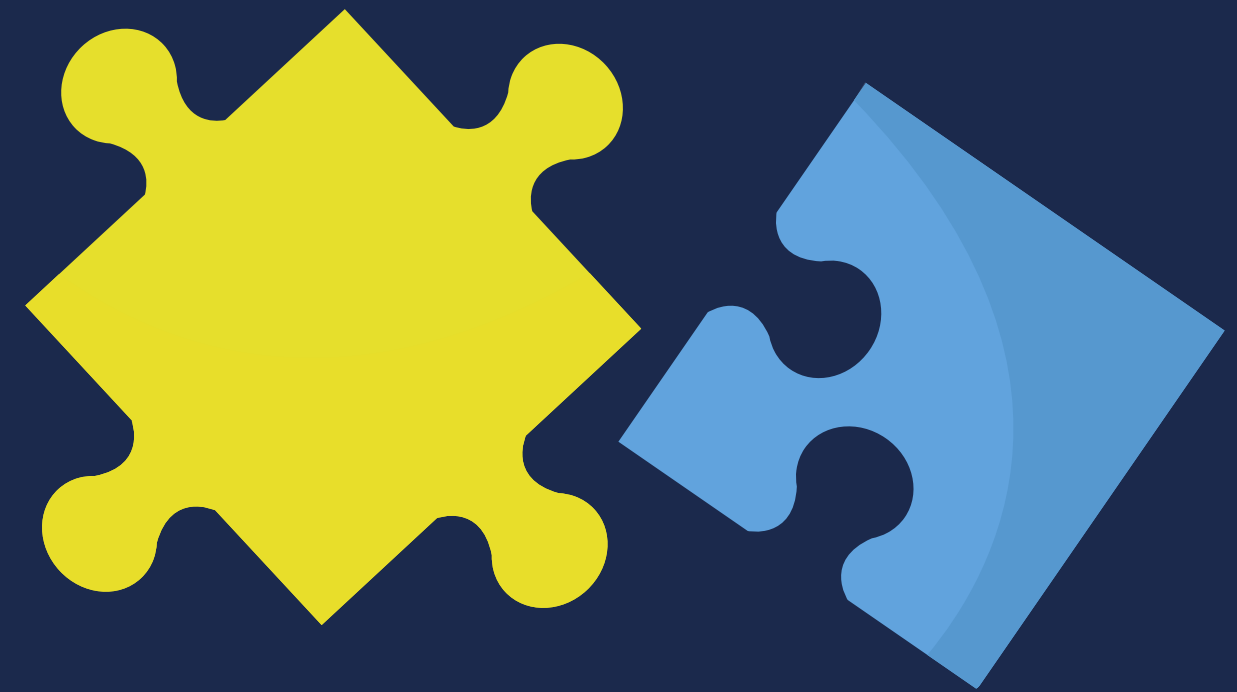
# Challenge breakdown

## Day 3 : Music Generation

- **Objective:** Explore how AI tools can generate music
- **Activities:** Generate a short music clip.
- **Submission:** Share your music clip and describe the input or parameters used to generate it.

## Day 4 : Virtual Try-On

- **Objective:** Understand how AI is being used for virtual try-ons in fashion and e-commerce.
- **Activities:** Experiment with virtual try-on tools or create a small project.
- **Submission:** Share a screenshot or video of your virtual try-on project.



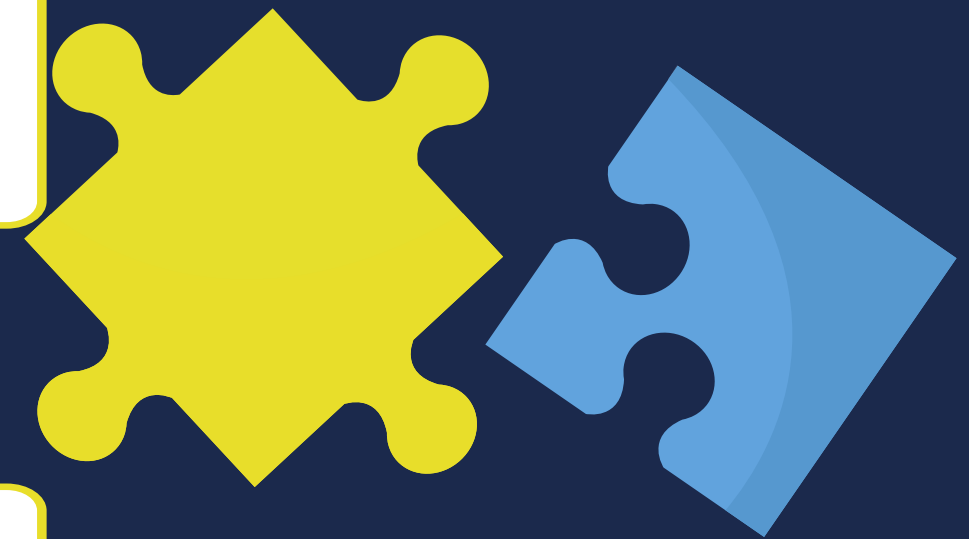
# Challenge breakdown

## Day 5: RAG Basics

- **Objective:** Learn the basics of Retrieval-Augmented Generation (RAG), combining retrieval and generative models.
- **Activities:** Implement a basic RAG model for a given use case.
- **Submission:** Share the implementation and a brief explanation.

## Day 6: RAG Advanced

- **Objective:** Explore advanced RAG techniques and workflows for improved AI performance.
- **Activities:** Set up a more complex RAG system, such as integrating it with a vector database (e.g., Pinecone or FAISS).
- **Submission:** Share code snippets and explain the improvements over basic RAG.



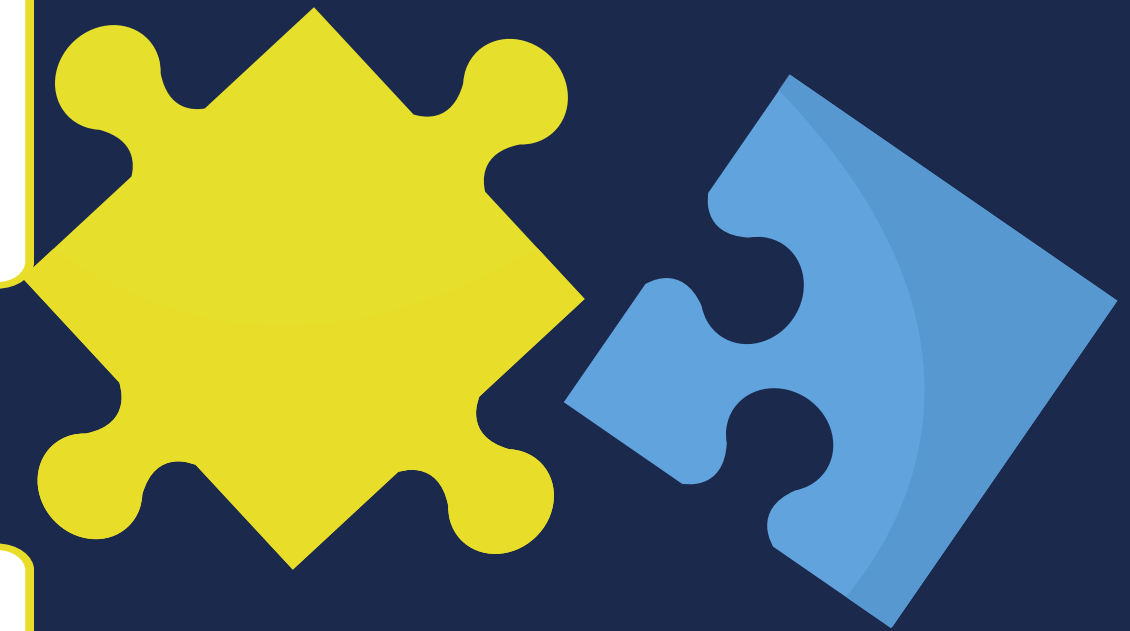
# Challenge breakdown

## Day 7: Fine-Tuning a Small Model

- **Objective:** Learn how to fine-tune a pre-trained AI model to make it work better for a specific task.
- **Activities:** Fine-tune a small pre-trained model (like smollm) for text generation or classification.
- **Submission:** Share the code, training process, and results.

## Day 8 : Vibe Coding

- **Objective:** Explore Vibe Coding and its potential applications in creative coding.
- **Activities:** Write code that generates unique patterns or visuals based on user input.
- **Submission:** Share the generated code and visuals.



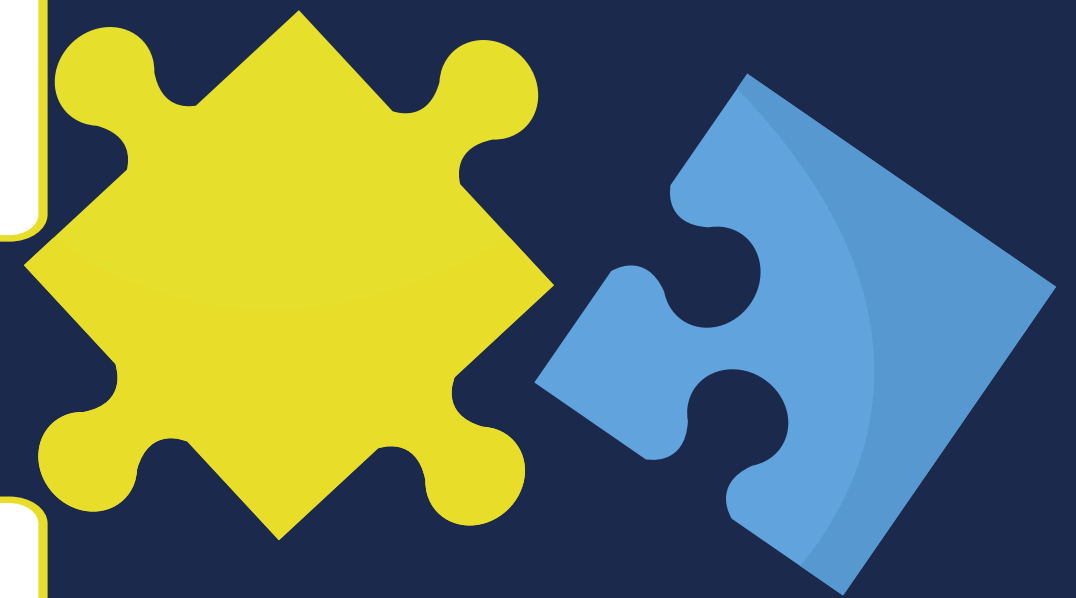
# Challenge breakdown

## Day 9: AI Agents

- **Objective:** Create an AI agent that can perform tasks or automate workflows (e.g., a virtual assistant).
- **Activities:** Design and implement a simple AI agent that interacts with users or other APIs.
- **Submission:** Share the agent's workflow and interactions.

## Day 10: MCP Servers

- **Objective:** Learn about MCP Servers (Model Context Protocol) and their use in AI systems.
- **Activities:** Set up a basic MCP server for multi-channel communication.
- **Submission:** Share how the server works and its potential applications.



# How it works?

**Join the challenge**



**Share it in with  
your network**



**Contribute to the  
Github Repo**



**Fill the form and  
document your  
journey**



# What you will get at the end of the challenge ?

## Participate in all 10 days:

- One-year subscription to the tool of your choice (up to \$30 per month).
- Move to the builder role and get the Gradient server user name.
- T-shirt, cap, and stickers

## Participate in 5-9 days

- One-year subscription to a tool.
- Move to the builder role and get the Gradient server user name.
- T-shirt and stickers

## Participate in 1-4 days

- T-shirt and stickers



**you will get to learn, share  
and grow together**

# It all starts here



scan me!

# WELCOME TO THE COMMUNITY



Q & A