

# COMIC-IFY

## Making Learning Fun, Forever.

Transforming Boring and Tough-to-read Textbooks and Research-Papers into engaging reading experience with added **jokes, movie references, comics** and **story-books**, particularly with **themed characters** from **fantasies** and **mythologies**.

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Team: **Comic-ify**  
PS Title: **Making Learning Fun, Forever.**

# Solution

**Comic-ify**, an **AI powered Web-Application** that transforms **textbooks** into fun **comics** and **stories** using **LLMs fine-tuned** on our **fantasy-specific data** and **Image Diffusion Models**. **Users** can **download** the resulting **fun-2-read** content, **improving** comprehension and **enjoyment** of **learning**.



# Features

**Lexicon**, our **fine-tuned** model is employed to **generate imaginative text** and **produce images inspired** by the **text**. captivating readers as they explore the content

## Input as prompt or PDF

Displays modified text/images for prompts, generates a downloadable PDF for PDF input.

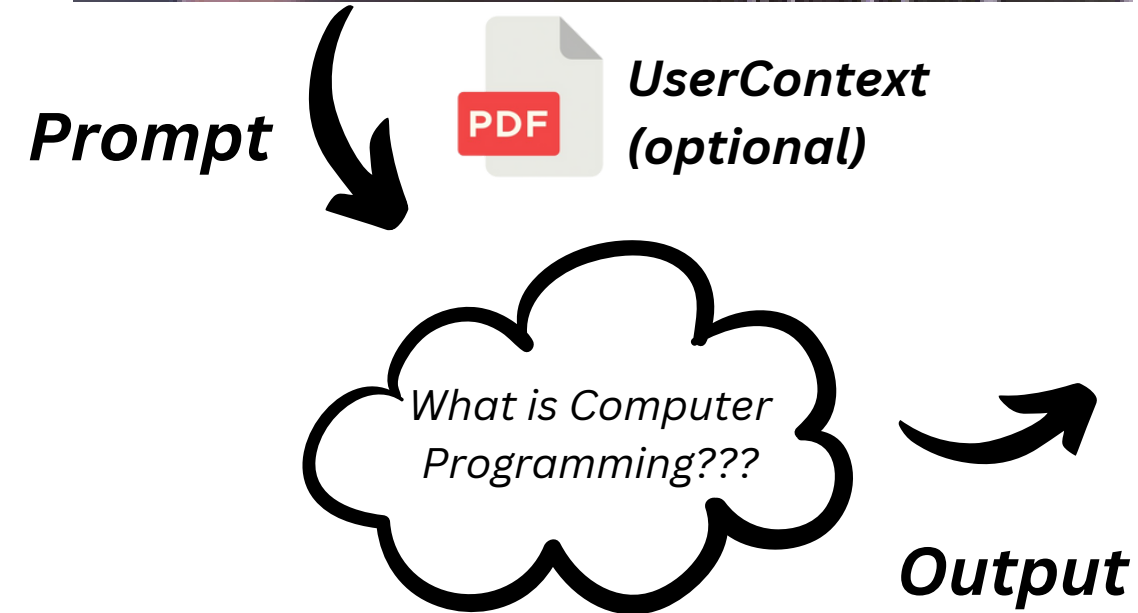
## Theme-based generation

Users can choose predefined themes. For example, in the 'Indian Mythology' theme, Lord Vishnu could provide insights into the mysteries of black holes in the universe.

## Highlight User's Preferred topics

Example: If the emphasis is on Operating Systems, users can prompt for a detailed explanation of how system calls work, directing the explanation accordingly.





ThemeSelector:

NY Times Article



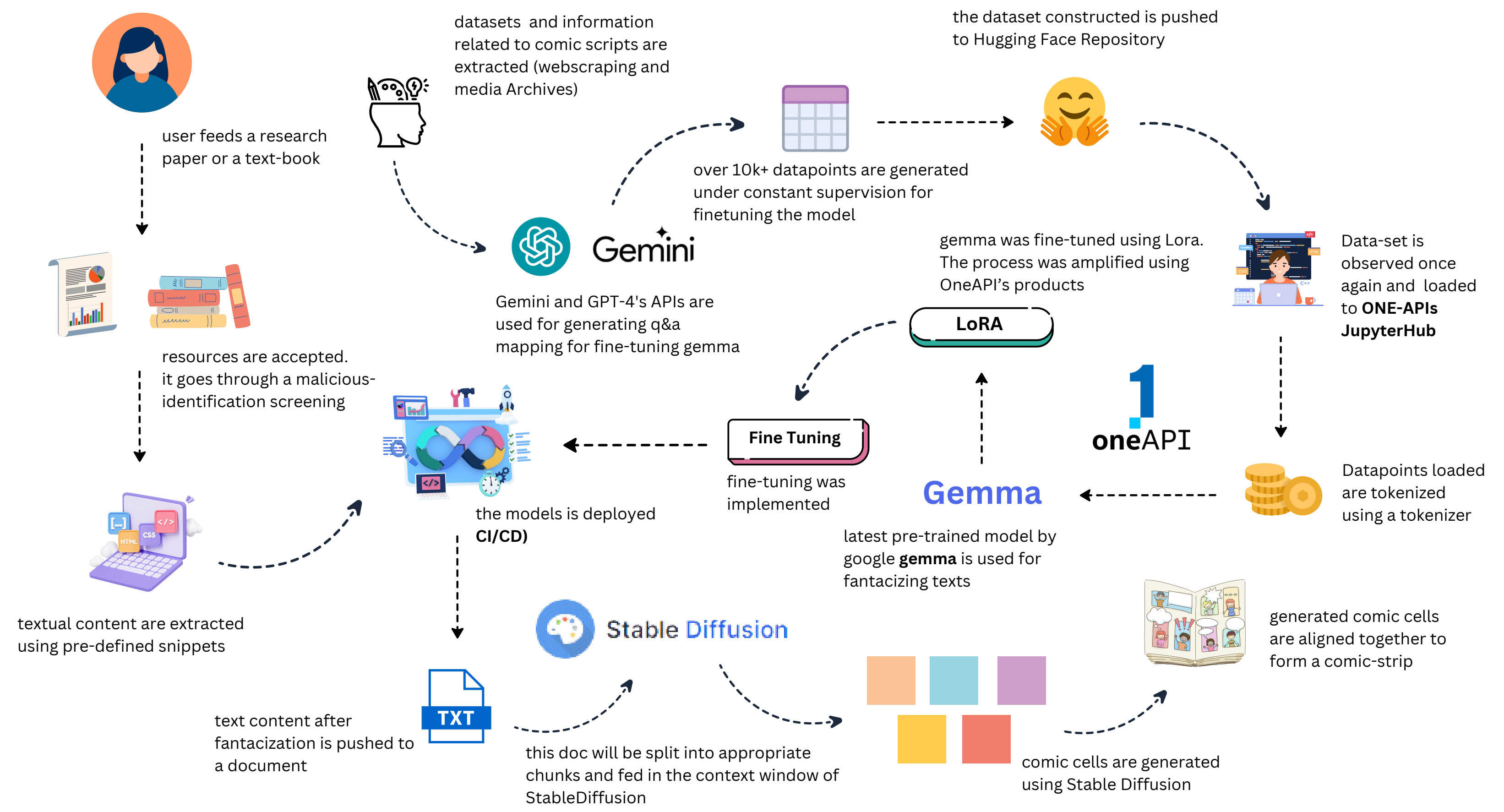
Marvel  
Ramayana  
Tom and Jerry  
Anime Manga  
Spiderman

## WHAT IS PROGRAMMING?

Believe it or not, if you can write a recipe on an index card, you can program a computer. At the simplest level, computer programming is nothing more than writing instructions for a computer to follow, step by step. The most important part of programming isn't in knowing how to write a program or how to use a particular programming language, but in knowing what to create in the first place.



# OUR DEDICATED PIPE-LINE





# Intel Tool-Kits Used

Sno	Intel Product Used	Where it's Used
1	Intel Distribution for Python®	We are using this toolkit as it provides optimized Python libraries for numerical computing and data manipulation
2	Intel® OpenVINO	We are making the process of implementing Q-LoRA faster using OpenVINO
3	Intel® DevCloud	DevCloud offers a valuable environment for our project

# Tech Stack



HUGGING FACE







