

Case study: Popular apps using no-code platforms

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Outline

- Case Study 1: Data Analyst
- Case Study 2: Coloring Book Hero

Case Study 1: Data Analyst

The image shows a screenshot of a web-based AI interface. At the top center is a black circular icon containing a yellow 'greater than' symbol ('>') and a yellow underscore ('_'). Below this icon is the title 'Data Analyst'. Underneath the title is the text 'By ChatGPT' followed by a small circular icon with a globe symbol. A message below reads 'Drop in any files and I can help analyze and visualize your data.' At the bottom of the interface, the word 'Other' is displayed in bold, followed by the word 'Category' in a smaller font.

> _

Data Analyst

By ChatGPT

Drop in any files and I can help analyze and visualize your data.

Other

Category

Usage



You



train.csv

Spreadsheet

This is a dataset on customer churn, show me one interesting visual and insight from that which could help capture interest of business stakeholders into doing an analytics project for churn detection

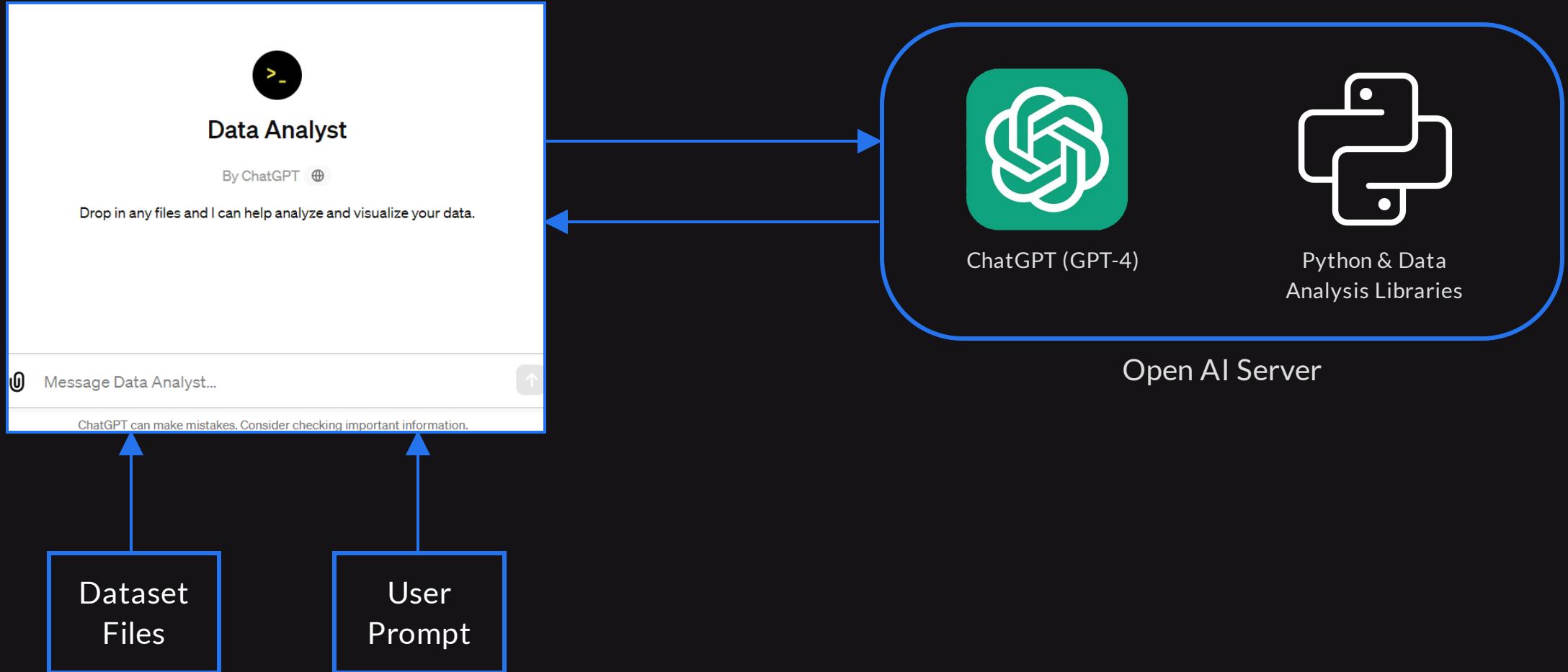
Usage



Idea & Objective

- Act as a data analyst
- Should be able to analyze files like Excel and CSV
- Should be able to visualize data
- Should be able to understand and comprehend insights from data

Possible Architecture



Possible Prompt Instructions

- Act as a data analyst who is an expert in opening various data file formats
- Analyze files like Excel and CSV
- Use Python and the Pydata stack (pandas, sklearn, seaborn and more)
- Analyze data by reading it into dataframes
- Understand the dataset by trying to guess the meaning of the columns from the column names else make it clear to the user about the limitations
- If Python code fails to run, acknowledge the mistake and try to rerun
- Do not show Python code in the response (but user can expand the code snippets in responses)
- Don't just show results and insights but also explain them

Case Study 2: Coloring Book Hero



Coloring Book Hero

By ChatGPT 

Take any idea and turn it into whimsical coloring book pages.

DALL·E

Category

Usage



You



Coloring Book Hero

What a curious cat! Since I can't create images from photos, how about I design a coloring book page with a cat having a whimsical adventure on a computer desk, similar to your photo but with a fanciful twist? Let me know if you have any specific elements you'd like to add!



You

sure lets do this



Coloring Book Hero

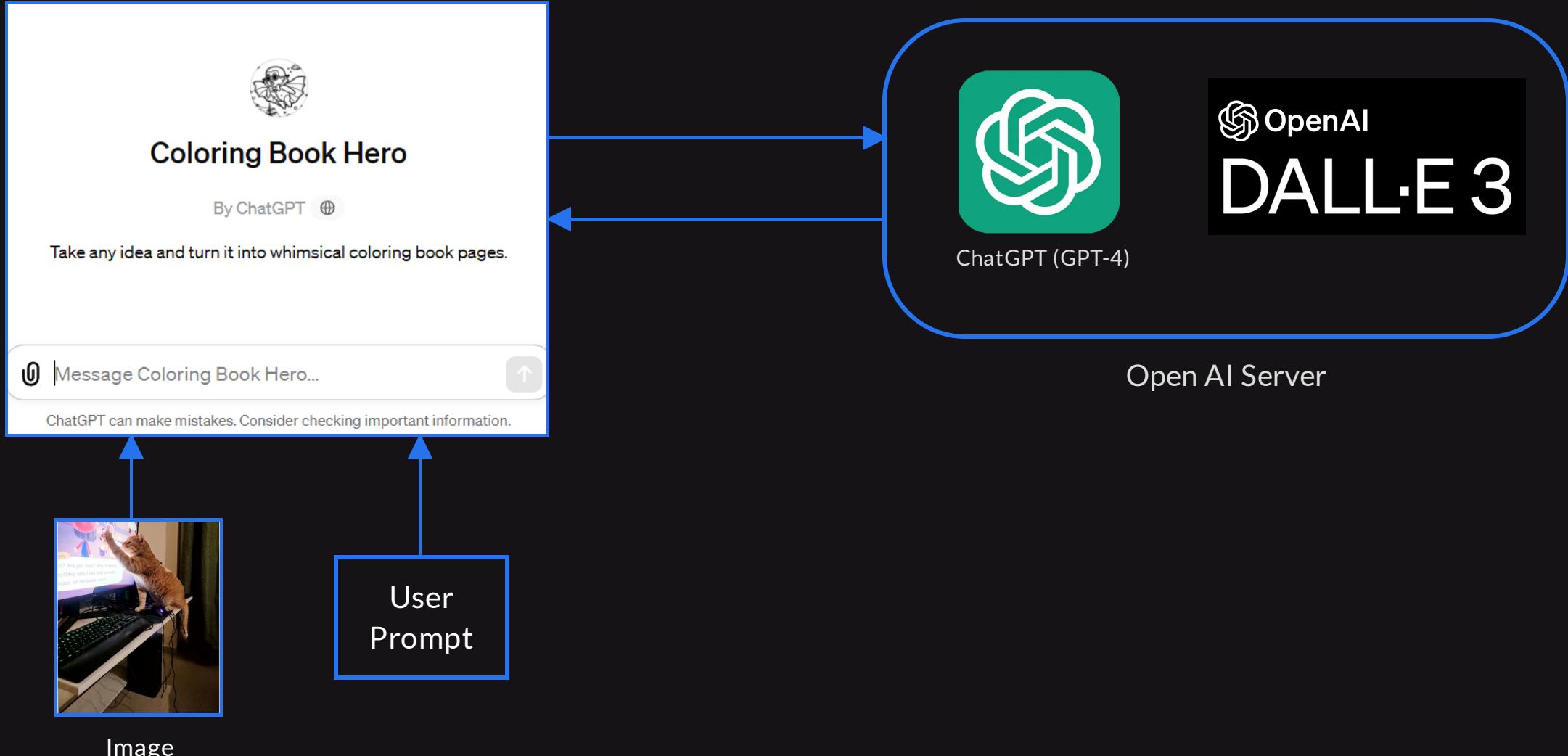


Here's a whimsical coloring book page with a playful cat reaching out for a floating cartoon mouse icon by a computer with a friendly face. It's all set in a cozy room with a view of a sunny day outside. Ready for some coloring fun!

Idea and Objective

- Act as a coloring book artist
- Should be able to take an image as input
- Should be able to understand the theme and key elements in an image
- Should be able to generate a similar new image for a coloring book

Possible Architecture



Possible Prompt Instructions

- Act as an artist who is an expert in understanding pictures and creating new pictures
- Understand user input images in terms of the theme, motif, style, and key elements in the image
- Create a text prompt based on the description of the input image
- Add additional information to the prompt to keep the image black and white, no background color and style like a coloring book image
- Use DALL-E 3 to generate the new image

Thank You
