

# Instagram Computer Vision: A New Way to Experience Instagram

Introducing Instagram Computer Vision, the app that transforms videos into narrated experiences. Our cutting-edge technology makes Instagram more accessible and engaging for audio fans and visually impaired users.

**by Vivien Richaud** 

## The Problem With Instagram

1 Lack of Accessibility

Current Instagram experience relies heavily on visual content, making it difficult for visually impaired users to engage.



### The Solution

## Introducing Instagram Computer Vision

The app transforms Instagram videos into narrated experiences.

#### Accessibility and Engagement

Targets audio fans and visually impaired users to provide accessibility and enhance engagement.

#### **GPT-4 Vision Technology**

Analyzes videos to generate detailed audio descriptions for high-quality narration.

#### **Business Value**

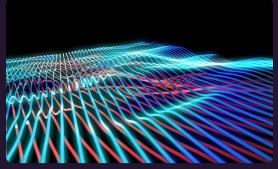
Increase user engagement and accessibility on Instagram. Broaden the user base by catering to visually impaired users and attract new users who value audio experiences.

## How It Works



Select an Account

Choose an Instagram account to analyze.



GPT-4 Vision Technology

Uses advanced technology to analyze the video and generate detailed audio descriptions.



**GPT- Text to Speech** 

Converts text to high-quality narration for an immersive experience.



## The Technology Used

1 — GPT-4 Vision

Analyzes videos to generate detailed audio descriptions using advanced natural language processing.

#### 2 — GPT Text to speech

Converts text to high-quality narration with a variety of natural-sounding voices.

#### Streamlit

Used for app development and user interface, making it easy and fun to use.





## Business Impact

#### 1 Increase Traffic

By attracting new users who value audio experiences and broadening the user base to visually impaired users.

# 2 Increase Engagement

With more engaging content, Instagram Computer Vision will increase user engagement and satisfaction.

# Enhance Accessibility

Instagram Computer
Vision will increase
accessibility for visually
impaired users and
provide a more inclusive
social media experience.



## Conclusion



# Instagram Computer Vision

Offers a unique solution to make Instagram more accessible and engaging leveraging cutting-edge technologies like GPT-4 Vision, GPT Text to speech, and Streamlit.



Enhanced Audio Experience

Instagram Computer Vision provides an immersive audio experience, ideal for audio enthusiasts.



Further Development

Instagram Computer Vision continues to evolve to provide new features that will enhance and improve user experience for all users.