

AI Agent: Video Script Generator 🎬

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Challenge: Agent AI – HackerEarth 2025

Category: Artificial Intelligence / Generative AI

💡 Project Overview

This project is an **AI Agent** that helps users **generate complete video scripts** just by entering a topic, tone, and desired length.

It is specially designed for **students, YouTubers, and content creators** who want to save time while writing engaging scripts.

⚙️ How It Works

1. The user types a **topic** (like “motivation”, “AI in daily life”, etc.)
 2. The AI agent automatically creates:
 - A **catchy title**
 - A **Hook line** (opening sentence)
 - A full **video script** (main content + closing lines)
 - Optional **timestamps** and **voice tone suggestions**
 3. The generated script can be copied or used directly for recording.
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🌐 Tools and Technologies

- Python (conceptual backend)
 - ChatGPT / Large Language Model (for content generation)
 - HTML, CSS (for front-end interface – optional)
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🎯 Problem Solved

Many creators and students find it hard to write scripts or plan video content.

This AI agent saves time, boosts creativity, and provides ready-to-use ideas instantly.

Impact

This tool helps people express their ideas confidently and reduces creative block. It can also be used in education, marketing, and social awareness campaigns.

Key Features

- Generates full video scripts instantly
 - Supports different tones (Motivational, Educational, Funny, etc.)
 - Beginner-friendly — no coding required to use
 - Customizable and extendable
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Conclusion

The **Video Script Generator AI Agent** by *Aastha Choyal* is a smart, time-saving solution for modern creators.

It shows how Artificial Intelligence can support creativity and make content creation easier for everyone.

Submission Info

- **Name:** Paragi Patidar
 - **Program:** Agent AI Challenge 2025 (HackerEarth)
 - **Type:** Beginner AI Project
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 **"Let ideas flow — and let AI turn them into words!"** 