

Task 1: AI Video Generation Tool (Time Required: ~1 day)

- **Objective:** Create an AI based application or tool which generates videos while scrapping trending news articles.
 - **Pipeline Details:**
 - **Pick trending topics and content** (e.g., from a news article or trending social media hashtag).
 - **Generate a short script** based on the topic (use a simple AI-based script generator or write it yourself).
 - **Generate 30-60 second videos** with text overlays and images based on the script (use Generative AI video generation tool)
 - **Deliverables:**

Submit the application or tool source code, generated videos and a report explaining on the steps followed.
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Task 2: SEO Blog Post Creation Tool (Time Required: ~1 day)

- **Objective:** Create an AI based SEO Blog creation application or tool
 - **Pipeline Details:**
 - **Scrap products** from an e-commerce site (e.g., Amazon or eBay) which are best-selling or trending.
 - **Automate the research of SEO keywords** using a tool like Google Keyword Planner or Ubersuggest (focus on 3-4 main keywords).
 - **Create a 150-200 word blog post** content that highlights the product and naturally incorporates the SEO keywords.
 - **Post the articles** on self-hosted site, medium, WordPress, etc.
 - **Deliverables:**

Submit the application or tool source code, link where the blogs are posted and a report explaining on the steps followed.
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Task 3: High-Level to Low-Level Architecture Pipeline (~1 day)

- **Objective:** Create an AI based automation tool which simplifies the process of converting high-level business requirements into low-level technical specifications

- **Pipeline Details:**

- Analyze a given **high-level business requirement** and break it down into **modules, schemas, and pseudo code**.
- Design a basic tool or script that automates part of this process.

Expected Outcome: A working prototype tool that can convert simple high-level requirements into low-level technical details.

Internship Expectations:

- **Task Duration:** Each task is designed to be completed within **1 day**, giving you time to explore and iterate on your solution.
- **Skills:** The tasks require proficiency in **AI tools, data scraping, content generation, and architecture design**.
- **Outcome:** The goal is to create a prototype for each of the tasks that demonstrates the core functionality of the pipeline.

Evaluation Criteria:

- Feasibility of implementation.
- Clear, simple, and practical use of AI tools and basic automation.
- Quality of the work submitted and ease of understanding.