30-Day Twitter Growth Campaign: Django, AI & LLMs

Week 1: Django Fundamentals

Day 1 - Introduction:

Starting a 30-day tech series on Django, AI & LLMs. Follow along if you're into Python, backend dev, and AI magic.

Day 2 - What is Django?:

Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design.

Day 3 - Django Project vs App:

Understanding the difference between a Django project and an app.

Day 4 - MVC in Django:

Explanation of Django's MTV (Model-Template-View) architecture.

Day 5 - Models and Migrations:

How to define models and apply migrations using Django ORM.

Day 6 - Admin Interface:

Customizing the Django admin interface.

Day 7 - Engagement Post:

What's your favorite third-party Django package? Let's share!

Week 2: Django + AI Integration

Day 8 - Connecting Django to ML Models:

Guide to deploying an ML model with Django.

Day 9 - Using Django REST Framework:

Why and how to use Django REST Framework.

Day 10 - Hosting ML Models:

Serving a trained model via Django REST API.

Day 11 - Hugging Face API + Django:

Using Hugging Face models in Django apps.

Day 12 - Celery and Async Tasks:

Using Celery to handle heavy background ML tasks.

Day 13 - Streamlit vs Django:

Comparison of Streamlit and Django for ML deployment.

Day 14 - Mini Project Showcase:

Sentiment analysis API using Django + HuggingFace.

Week 3: Understanding LLMs

Day 15 - Intro to LLMs:

Introduction to Large Language Models.

Day 16 - How LLMs Work:

Explanation of Transformer architecture and attention.

Day 17 - Training vs Fine-Tuning:

Differences between training from scratch and fine-tuning.

Day 18 - Prompt Engineering:

Best practices for effective prompts.

Day 19 - LLM Use Cases:

Real-world applications of LLMs.

Day 20 - Tools & Libraries:

Essential tools for building LLM-based applications.

Day 21 - Poll / Engagement:

Poll to decide next mini-project (Chatbot, API, etc.).

Week 4: Building and Growing Together

Day 22 - Build a Chatbot:

How to build a chatbot with Django and OpenAI.

Day 23 - Common Django Mistakes:

Top mistakes beginners should avoid.

Day 24 - Share Your Setup:

Dev setup overview (VSCode, Docker, Postman, etc.).

Day 25 - Personal Journey:

Why I chose Django and AI - my developer story.

Day 26 - Contribute to Open Source:

How to start contributing to Django or AI projects.

Day 27 - Tips for Newbies:

Best resources for beginners.

Day 28 - Highlight a Follower:

Engagement and appreciation post.

Day 29 - Recap Thread:

Summary of the entire 30-day series.

Day 30 - What's Next?:

Vote on what series to do next: LangChain, Vector DBs, etc.