30-Day Starter Plan: Prompt Engineering to Synthetic Data (For Freshers)

Week 1: Understanding Prompt Engineering Basics
- Learn what prompts are and why clarity matters
- Practice writing simple prompts daily
- Explore role-based and task-based prompts
- Test prompts using ChatGPT or Gemini

Week 2: Advanced Prompt Thinking
- Learn prompt chaining and refinement
- Practice formatting outputs (tables, steps, summaries)
- Understand hallucinations and how to reduce them
- Create 5 real-life prompts (resume, blog, email, support reply)

Week 3: Core Data Fundamentals
- Learn types of data (structured vs unstructured)
- Understand bias and data quality issues
- Explore basic datasets (Kaggle or Google datasets)
- Learn why real data is limited and risky

Week 4: Introduction to Synthetic Data
- Understand what synthetic data is and why it exists
- Learn basic use cases in healthcare and finance
- Explore synthetic data tools conceptually (no deep coding)
- Decide if you want to go deeper into ML/Data Science

Outcome:
By the end of 30 days, you will confidently use AI tools, understand data fundamentals, and know whether to pursue advanced AI or ML paths.