

Enhanced Learning Objectives

What You'll Master Today

Core Concepts

- ✓ Understanding LLM fundamentals and architecture
- ✓ Mastering tokenization and text generation processes
- ✓ Deep-dive into context windows across model families
- ✓ Exploring LLM capabilities and current limitations
- ✓ Learning advanced prompting techniques

Practical Skills

- ✓ Chat Completion API fundamentals and best practices
- ✓ Hands-on LiteLLM programming with real examples
- ✓ Parameter tuning and optimization techniques
- ✓ Error handling and troubleshooting
- ✓ Building robust LLM applications

Session Structure: Lecture (1.5h) → Hands-on Lab (2h) → Q&A (30min)