Day 2: Advanced Prompting

Agentic AI Training

Learning Objectives

- Write effective prompts using RCFG framework

- Apply advanced patterns (CoT, Few-Shot, Tree-of-Thought)

- Design system prompts and personas

- Create specialized prompts for code tasks

- Build migration and refactoring prompts

RCFG Framework

Component	Purpose	Example
Role	Set expertise	"Security-focused reviewer"
Context	Background	"Migrating Django 2.x to 4.x"
Format	Output type	"JSON with issues/suggestions"
Goal	The task	"Identify breaking changes"

Before: `Review this code for issues.`

After:

```
Role: Senior Python dev, clean code expert
Context: Financial lib (precision critical)
Goal: Review naming, readability, bugs
Format: ## Issues, ## Suggestions sections
```