

Role Prompting Workshop

Part 3: Advanced Prompt Engineering - System Messages

Professional Roles

Teacher Consultant Analyst Code Reviewer

Creative Roles

Storyteller Poet Comedian Game Master

Technical Roles

Software Engineer Data Scientist Technical Writer

System Message Implementation

```
def create_role_assistant(role, expertise):
    system_message = f"""You are a professional {role} with
expertise in {expertise}.

Respond in character with appropriate:
- Tone and vocabulary
- Professional insights
- Relevant examples
- Practical advice"""

    response = litellm.completion(
        model="gpt-3.5-turbo",
        messages=[
            {"role": "system", "content": system_message},
            {"role": "user", "content": user_query}
        ]
    )
    return response.choices[0].message.content
```

Workshop Challenges

- Create a coding mentor assistant
- Design a creative writing coach

Consistency Tip

Maintain character throughout the entire conversation for a more immersive experience.

🕒 25-30 minutes

📄 Lab Step 11/17

🎭 Role Play