Few-Shot Chain-of-Thought Examples

Few-Shot CoT Structure

2-5 Examples: Provide diverse medical cases

Show Reasoning: Include step-by-step clinical thinking

Format Consistency: Use same structure across examples

Example Template

Case: [Patient presentation]

Step 1: Identify key symptoms and risk factors

Step 2: Generate differential diagnosis list

Step 3: Determine discriminating tests

Step 4: Integrate results and reach conclusion

Diagnosis: [Final diagnosis]

Key: Examples teach the LLM both the format and the medical reasoning process