Practical Skills Assessment Rubric (CLO 3: Build practical NLP Applications)

A. Component 2: Technical Execution (50% weight)

Exemplary	5	Flawless code execution with sophisticated implementation, expert-level library usage, comprehensive error handling, optimized performance, and exceptional code organization
Advanced	4	Clean, efficient code that runs reliably with proper use of NLP libraries, good preprocessing pipeline, modular structure following best practices, and robust error handling
Proficient	3	Code runs correctly with appropriate NLP techniques implementation, solid preprocessing pipeline, well-organized structure with basic documentation
Developing	2	Code runs with significant errors, basic implementation with misapplication of libraries, inadequate preprocessing, and poor code organization
Needs Improvement	1	Code fails to run or produces incorrect outputs, missing critical NLP implementations, disorganized with no proper structure or error handling

B. Component 1: Technical Understanding (50% weight)

Level	Score	Description
Exemplary	5	Demonstrates expert-level understanding of NLP concepts and theory, with clear articulation of implementation choices, theoretical foundations, and trade-offs between different approaches
Advanced	4	Shows deep understanding of NLP theory with ability to explain algorithm workings, justify design choices, and interpret evaluation metrics critically
Proficient	3	Demonstrates solid understanding of core NLP concepts, can explain algorithm functionality and preprocessing rationale with reasonable accuracy
Developing	2	Can explain basic NLP concepts but struggles with underlying principles, algorithm mechanics, and appropriate metric selection
Needs Improvement	1	Unable to explain NLP concepts, algorithms, or implementation choices; shows fundamental misunderstandings