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NLP Chatbot Final Project

Part 1. Data

Data description (similar to Assignment 1): data origin, data structure - 5pts

Purpose of chatbot (similar to Assignment 3): what and why questions - 5pts

Part 2. Data Processing

Describe preprocessing steps - 10pts

Describe feature extraction steps - 10pts

Part 3. Data Training

Note - these steps will vary based on data and intent. For example, your model can be a simple rule-based regex model and your training steps could consist of setting up dictionary, keywords, templates etc

Describe models used - 10pts

Describe training steps (or what is done for model execution) - 10pts

Part 4. Turing Test

Evaluate your personal chatbot by running a human test - 10pts

Provide a couple of samples with question used and answers provided by a bot - 10pts