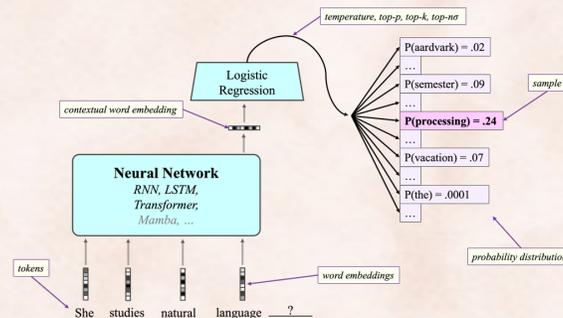# ITCS 6101/8101: Natural Langue Processing

Project Proposal Guidelines

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Project Proposal: Structure

- Typically, up to 2 pages (but more is fine if needed), describing in concrete terms:

    - The **problem** (task) you plan to solve (build a prototype solution).

        - What is the input, what is the output.

        - Why is the problem important.

    - The **data** you plan to use for evaluation (testing) or development (training), if needed:

        - How to create it, or where to get it from.

    - The **approach** you plan to implement:

        - Provide some concrete ideas, just saying "*an LLM-based approach*" is too vague.

Project Proposal: Novelty

- What is the **novel contribution** of this project:

    - Is the **task** <u>novel</u>, i.e., nobody has done it before?

        - Provide evidence you have substantial knowledge of the task / domain.

    - Is the **approach** <u>novel</u>?

        - Provide some argument why your approach may be better than existing approaches.

        - What are the other approaches?

    - Is it the **task + approach** combination <u>novel</u>?

        - Provide justification for the benefits of this novel combination.

    - Is there **another aspect** that is <u>novel</u>?