Final Submission Format: PDF

While the work is performed in a **Jupyter Notebook (.ipynb)**, the final deliverable must be a **PDF**.

1. File Naming Convention

To maintain organized records, use the following naming format:

- **Format:** Week#_Topic_<YourName>.pdf
- **Example:** Week1_TextPreprocessing_JohnDoe.pdf

2. Required Notebook Structure

Your notebook must be organized as follows:

- **Markdown Analysis Cells:** All written responses to "Analytical Prompts" must be in markdown cells. Do not put professional analysis inside code comments.
- **Modular Code Cells:** Code should be organized into logical blocks (e.g., a "Preprocessing" cell, a "Vectorization" cell, and a "Modeling" cell)
- **Static Visualization:** Ensure all plots (bar charts, confusion matrices, loss curves) are generated and visible in the output area before exporting.
- **Academic Integrity & Citation Cell:** Every notebook must include a citation cell at the top or bottom listing any external libraries, documentation used as a guide.

Step-by-Step: Exporting to PDF

Depending on your development environment, follow these steps to ensure all content (including code output) is captured:

Option A: Google Colab (Recommended)

1. **Run All Cells:** Go to Runtime > Run all to ensure all outputs and visualizations are rendered.
2. **Print to PDF:** * Go to File > Print.
    - Change the destination to **"Save as PDF"**.
    - Ensure **"Background Graphics"** is checked so that colored charts and confusion matrices appear correctly.

Option B: Local Jupyter Lab / Notebook

1. **Export via LaTeX (Requires Pandoc):** File > Export Notebook As... > PDF via LaTeX.
2. **Export via HTML (Reliable Shortcut):** * File > Export Notebook As... > HTML.
    - Open the HTML file in your browser and use the browser's "Print to PDF" function.