Docente: Bruce D. Marron
Ciclo: 25-3
Materia: Inglés IX, X
Licenciatura: Interpretación y Traducción

HW_11. Critical Analysis of LLMs ; "AI 2027" Report; Qs from "Bless Me Ultima"
(Convert to 10 pt scale)

Criteria	3 - Excellent	2 - Satisfactory	1 - Needs Improvement
Task 1: Definition of Terms	All **17 terms** are accurately and clearly defined using precise technical language; demonstrates deep understanding of LLM concepts and related AI terminology.	Most terms are defined correctly with minor inaccuracies or lack of depth; shows general understanding of key concepts.	Several terms are incorrectly defined or missing; definitions lack clarity or show misunderstanding of fundamental concepts.
Task 2: Critical Analysis	Provides a thoughtful, well-supported opinion on the plausibility of scenarios and credibility of authors/methods; integrates evidence from the **"AI 2027" report** and readings; clear, logical writing in 2+ paragraphs.	Opinion is stated with some support but lacks depth or full integration of evidence; writing is mostly clear but may have minor lapses in logic or detail.	Opinion is superficial or unsupported; lacks clear reasoning or evidence; writing is unclear or too brief (less than 2 paragraphs).
Task 3: Literary Analysis of "Bless Me, Ultima"	Selected answers to **15 questions** from **Chapters 13-15** (five per chap) are well-developed, insightful, and demonstrate critical engagement with the text; answers follow the Marron_StyleGuide_25-3 formatting rigorously.	Answers address the questions adequately with some analysis; mostly follow formatting guidelines with minor inconsistencies; demonstrate general comprehension of the chapters.	Answers are brief, lack analysis, show limited understanding of the text, or fail to follow the formatting guidelines specified.
Document Formatting and Presentation	Document is perfectly formatted according to Marron Style Guide .	Minor formatting errors present but overall follows Marron Style Guide.	Formatting does not follow the Marron Style Guide or is inconsistent throughout.

ASSIGNMENT:

HW_11 [Due: 23 Jul 2025]   <== 9A+B+C
HW_11 [Due: 24 Jul 2025]   <== 10A

--- Task 1
Following the EXCERPT guides for each paper, read the appropriate sections in
     01a_Shanahan_TalkingAboutLLMs.pdf
     02a_Balhorn_etal_ChatGPT-in-science-engineering.pdf
     03a_Leiter_etal_Metrics_MachineTranslation.pdf

Define the following terms/acronyms (17 terms):
      perceptron
      artificial neural network
      large language model (LLM)
      vision-language models (VLM)
      supervised learning
      unsupervised learning
      reinforcement learning with human feedback (RLHF)
      emergence
      application programmer interface (API)
      Python
      token (as used in AI)
      prompt engineering
      machine translation with post editing (MTPE)
      bilingual evaluation understudy (BLEU)
      metric for evaluation of translation with explicit ordering (METEOR)
      crosslingual optimized metric for evaluation of translation (COMET)
      bidirectional encoder representations from transformers (BERTScore)

--- Task 2
Read "AI 2027." What do think of this analysis? Are the scenario(s) presented plausible? Are the authors and their methods credible? Write an opinion piece (2+ paragraphs) expressing your thoughts.

--- Task 3
Read Chapter 13, Chapter 14, and Chapter 15 of "Bless Me, Ultima." Select and answer five (5) questions from the list of questions for each chapter. The questions can be found in the document, "UTECA_StudyGuide_Bless-Me-Ultima.txt. Be sure to format your answers correctly (see Marron_StyleGuide_25-3.pdf).