

Milestone #2: Related Work

In this assignment, you will be tasked with writing the "Related Work" section for your class final project. The "Related Work" section aims to provide a brief high-level review and analysis of existing literature and research relevant to your project. It serves as a foundation for your work, demonstrating your understanding of the current state of knowledge in the field and identifying gaps or areas for further exploration. Your analysis should be critical, insightful, and well-supported by reputable sources, while still being relatively short (half a page).

Grading Rubric:

1. Completion of Requirements (50 points):
 - At least ½ page of single space 12pt font with 1 inch margins, not including References and title/heading.
 - Briefly discuss at least 5 research papers in your topic.
2. Research Depth and Breadth (10 points):
 - Demonstrates a comprehensive understanding of existing literature and research in the subtopic of human-centered data science.
 - Utilizes a wide range of (at least 5) relevant and credible sources (scholarly articles or conference papers only).
3. Organization and Clarity (10 points):
 - Presents the "Related Work" section in a logical and coherent manner.
 - Clearly defines the subtopic and its relevance to human-centered data science.
 - A numbered list of references are provided after the Related Work paragraph. These should be cited in-line within the text, similar to Milestone #1.
4. Critical Analysis (10 points):
 - Do ***NOT*** summarize each article one-by-one without relating them. Only doing this will lose you points. Instead, find general trends in your topic and group the related papers into themes.
 - Demonstrates a critical evaluation and synthesis of the reviewed literature.
 - Analyzes the strengths and weaknesses of previous themes identified.
 - Does not summarize the entire paper, but instead only discusses the relevant aspects to the topic of your project. You should spend no more than 1 or maybe 2 sentences discussing any particular prior paper.
5. Integration with Project (10 points):
 - Demonstrates a clear connection between the reviewed literature and your final project.
 - Identifies gaps or opportunities for further exploration based on the reviewed literature.
6. Writing Style and Citations (10 points):
 - Communicates ideas effectively and coherently.
 - Utilizes appropriate academic writing style and tone.
 - Adheres to proper grammar, spelling, and punctuation.
 - Provides properly formatted citations and references in any style of your choosing.

See the beginning of the Lecture 7 slides for the class discussion about this assignment, including very helpful examples and additional guidance.