**Overview**

In Modules 3-5, you learned about legal, professional, and principle-based frameworks.

In this assignment, you will select your “favorite framework.” Identify a framework from those discussed in the videos and readings that resonated with you personally and professionally.

The purpose of this assignment is to demonstrate your deep understanding of a specific legal, organizational, or principle-based framework related to responsible data science. You should select a framework that interests you and thoroughly analyze it. In your submission, provide extensive details about the framework, its applications, and how it has shaped your perspective on responsible data science practices. Explain why you chose this particular framework and how it resonates with you personally or professionally. There is no single correct answer - the goal is for you to engage critically with the material and articulate your own informed viewpoint.

Prepare a 1000-1500 word essay that addresses the following:

* **Summary:** Briefly describe the chosen framework, including its key principles and objectives.
* **Personal Resonance:** Explain why this particular framework informed your thinking on responsible data science. What aspects of it do you find most compelling, important or relevant? What makes it your “favorite framework?”
* **Professional Application:** Discuss how you envision this framework being helpful in your career as a data scientist. Provide specific examples of potential scenarios where you might apply its principles.
* **Critical Analysis:** Identify areas where you believe the framework could be improved or expanded. What would you add or change to make it more meaningful to you or applicable to modern data science challenges?
* **Conclusion:** Conclude your essay by summarizing the key insights you've gained and how this analysis has shaped your perspective on responsible data science.

**Assignment Format**

Write an essay of approximately 1000-1500 words with your reflections. Use APA Formatting and Style Guide (7th Edition) for citations in your paper. You can find guidance on APA from the [Purdue Online Writing Lab](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/index.html).

Your paper should reflect the expectations for graduate-level writing outlined in the reading “Tips for Graduate Level Writing” (see DOCX File below).

**Evaluation Criteria**

Your assignment will be evaluated based on the following criteria:

| **Criteria** | **Description** | **Score** |
| --- | --- | --- |
| Summary | Clearly and concisely describes the chosen framework.  Identifies and explains the key principles of the framework.  Articulates the objectives or goals of the chosen framework. | 20 |
| Personal Resonance | Clearly explains why the chosen framework informs own thinking on responsible data science.  Identifies and elaborates on the aspects of the framework considered most compelling, important, or relevant.  Provides justification for why the framework is considered their "favorite," including personal or professional reasons. | 20 |
| Professional Applications | Clearly discusses how the chosen framework would be beneficial in their career as a data scientist.  Provides specific and relevant examples of potential scenarios where they could apply the principles of the framework. | 20 |
| Critical Analysis | Identifies specific areas where the framework can be improved or expanded to address modern data science challenges.  Provides suggestions for changes or additions, explaining how these proposals would enhance the framework’s applicability and meaning.  Reflects on how this process of analysis has deepened their understanding of responsible data science. | 20 |
| Conclusion | Provides a clear and concise summary of the key insights gained from the analysis of responsible data science.  Articulates how the analysis has influenced or shaped their perspective on responsible data science. | 10 |
| Clarity of Writing | Uses a clear and coherent writing style. Content is proofread and follows the “[Tips for Graduate Level Writing](https://www.coursera.org/learn/cmpinf-2140-responsible-data-science/resources/sEC0c).” | 5 |
| Citation and Formatting | Displays correct citation and proper formatting. Uses APA citation style consistently throughout the report, and properly credits each source. Headings and subheadings are used consistently and paragraphs are well-organized and easy to follow. | 5 |
|  | Total | 100 |