

RR Rubric – “Read” and Review

DS 1001 – Spring 2023 - Professors Alonzi & Wright

Due: By start of class on Tuesday

Submission format: PDF

Individual Assignment

General Description: Step one is to consume the specified content for the assignment, it may be an article, blog post, video, etc. Step two is to submit to canvas a single page pdf document containing a summary of the key points, definitions of 5 words you have learned, and one takeaway you will focus on going forward.

Preparatory Assignments – none

Why am I doing this? This assignment is used to support the learning objectives of the course. Each week a new item of content will be provided that aligns with the objective of that week. By consuming the content and then reflecting on it in a deliberate way you will strengthen your understanding of the material.

- **Course Learning Objective Alignment:** This assignment aligns with the learning objective du jour. When the content is posted it will include the specific objective.

What am I going to do? This assignment is designed to be completed in under an hour, but for you to continue thinking and talking about for a lifetime. The first step is to consume the content provided, these will always be less than ten minutes and typically be a blog post or YouTube video. Once you have consumed the content you will create a single page pdf with three main pieces.

1. A summary of the key points of the content
2. A list of 5 terms you learned from this video and their definitions
3. One takeaway you have from this content that you will focus on going forward

The deliverable for this assignment is a single page pdf submitted to canvas.

Tips for success:

- Take a few notes while you consume the content. For example, you can write down every piece of jargon you don't know. Or note every major point you see. This will make it easier to produce your deliverable.
- Talk to people! They don't have to be in this class or even students. Share what you encountered and try out your definitions on people.
- The trickiest part is thinking about your takeaway. Be honest with yourself. Think about where you are strong and where you want to improve.
- Just do it – (sponsored by Nike 😊 jk). Seriously, just start consuming the content. You will find that the review writes itself.

How will I know I have succeeded? I will meet spec when I follow the criteria in this rubric.

Spec Category	Spec Details
Formatting	<ul style="list-style-type: none"> • One page • PDF • Order <ul style="list-style-type: none"> ○ Title (RR #X – Title of content) ○ Name and Course and Date ○ Summary of Key Points ○ 5 words with definitions ○ 1 takeaway item
Summary	<ul style="list-style-type: none"> • Goal: This bulleted list will indicate the major points of the content • Typically, this will be no more than 5 items • Each bullet starts with a short phrase then a hyphen followed by a sentence describing the point. <ul style="list-style-type: none"> ○ E.G.: Machine Learning Accuracy – This blog post explains that accuracy is not everything when training your model ○ E.G.: Ethics of Facial Recognition – This blog post discusses some of the ethical implications of facial recognition software.
5 Definitions	<ul style="list-style-type: none"> • Goal: Define five words you haven't encountered before • Make a bulleted list of 5 words. Choose words that you haven't encountered before or want to get to know better. • Give a context appropriate definition of the word • Use your own voice. The wiki definition is not acceptable. <ul style="list-style-type: none"> ○ E.G.: Accuracy – A quantified metric used for evaluating models. Informally accuracy is a measure of how often your predictions are right. ○ E.G.: Python – A popular general-purpose programming language used in many fields including Data Science.
1 Takeaway	<ul style="list-style-type: none"> • Goal: This is your chance to pick something you know you can improve upon. • State the item briefly in a few words • Expand on why this is relevant to you with a short paragraph • About 5 sentences <ul style="list-style-type: none"> ○ E.G.: Use a debugger – I have always known about the existence of debuggers for working on code. However, I have always just plowed through with brute force and print statements, running my code repeatedly. This blog post helped me to understand what a debugger is, how it is useful, and why I should use it. I am going to try using a debugger going forward.

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