**Data Journal**

**Instructions**You may use this document as a template for Journal Entry activities in this course. Additionally, you can use the templates to take notes on what you’ve learned or just to jot down your thoughts about data analytics.

With every data journal entry, we recommend that you include some basic information to make it easier for you to come back and read your responses later. Adding the date to your journal entry and including the prompt will help you make sense of your responses later on. You can come back and reread them to understand how your opinions on different topics may have changed throughout the courses.

Below is an example of a completed journal entry to serve as a practical guide to your own journaling activities.

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| **Date:** Jan 1 | **Course/topic:** Course 1: Data, data everywhere |
| **Prompt:** | What does the word “data” mean to you? |
| **Journal Entry:** | When I think of data, I think of records and information. Data is a digital record. It could be a record of a sale, GPS records of where a car has been, or posts of images and pictures on social media. Data in itself isn’t useful, because there’s so much of it. However, enough data usually contains information and patterns. This information is valuable, and data analysts are the ones who extract it. |
| **Other thoughts or questions:** | The amount of data that is created each year gets bigger and bigger!  Data is important! Nowadays, companies that don’t use their data are at a disadvantage to those that do. |

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| **Date:** 5/22/23 | **Course/topic:** |
| **Prompt:** | * What do you hope to take away from this capstone project? What is one important skill you think you’ll learn? * Which skills do you most look forward to demonstrating? * What are some issues you might encounter? |
| **Journal Entry:** | In this Capstone Project I hope I can demonstrate the new skills I learned while taking this course by utilizing multiple tools such as Excel, Kaggle, SQL, and R to help solve a real-world case study. I think overall I will learn how to use real life data to solve problems or predict trends into the future  The skill I’m looking to demonstrating the most is gathering data and creating visuals into R to make a seamless and organized presentation for viewers  Some issues I may encounter are finding the correct functions to use while using different applications to complete the data |
| **Other thoughts or questions:** | I think this project will be a good learning experience and I want to use what I learned to solve more real-world case studies in the future |

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### Need another journal entry template?

If you have more journal entries to complete, please copy and paste one of the tables above and use it as a template for future entries.