**Learning Log: Consider how data analysts approach tasks**

**Instructions**You can use this document as a template for the learning log activity: Consider how data analysts approach tasks. Type your answers in this document, and save it on your computer or Google Drive.

We recommend that you save every learning log in one folder and include a date in the file name to help you stay organized. Important information like course number, title, and activity name are already included. After you finish your learning log entry, you can come back and reread your responses later to understand how your opinions on different topics may have changed throughout the courses.

To review detailed instructions on how to complete this activity, please return to Coursera: [Learning Log: Consider how data analysts approach tasks](https://www.coursera.org/learn/foundations-data/supplement/I086K/learning-log-consider-how-data-analysts-approach-tasks).

| **Date:** <enter date> | **Course/topic:** Course 1: Foundations: Data, Data Everywhere | | |
| --- | --- | --- | --- |
| **Learning Log:** Consider how data analysts approach tasks | | |
| **Review the 6 phases of data analysis** | Consider how the data analysts at Google used the data analysis process to break down their analysis project:  The analysts **asked** questions to define both the issue to be solved and what would equal a successful result.   Next, they **prepared** by building a timeline and collecting data with employee surveys, which should be inclusive.  They **processed** the data by cleaning it to make sure it was complete, correct, relevant, and free of errors and outliers.   They **analyzed** the clean employee survey data. Then the analysts **shared** their findings and recommendations with team leaders. Afterward, leadership **acted** on the results and focused on improving key areas. | | |
| **Reflection:** | Write 2-3 sentences (40-60 words) in response to each of the questions below. | | |
| **Questions and responses:** | * Did the details of the case study help to change the way you think about data analysis? Why or why not?   *Phân tích dữ liệu là một quá trình gồm nhiều bước:*   * *Đặt ra câu hỏi, nên làm cái quái gì, cái quái gì sẽ quyết định tới thành công, có hướng đi nào không?* * *Đi thu thập, hỏi đáp để lấy những gì cần thiết* * *Làm sạch dữ liệu, sửa lỗi, ….* * *Phân tích* * *Chia sẻ ý tưởng, đưa ra giải pháp,...* * *Hành động dựa trên những giải pháp đã đề xuất* * Did you find anything surprising about the way the data analysts approached their task? * *Khá bình thường, tôi vẫn hình dung ra được những bước như này* * What else would you like to learn about data analysis? * Những thử thách, những cách làm mới, Data Analytics là đối mặt với các thử thách liên tục và khác biệt. Nghe giống Sherlock vs Conan. | | |