

EBN2 — EBN2 TASK 3: PRESENTING THE DATA ANALYSIS FINDINGS

DATA SCIENCE CAPSTONE — D606

PRFA — EBN2

Preparation

Task Overview

Submissions

Evaluation Report

COMPETENCIES

4166.1.3: Communicates Information and Data Trends

The learner communicates information and data trends using data storytelling and visualization.

INTRODUCTION

In the professional field, you will often be asked to present complex data and findings to your data analytics peers, as well as to people who have little or no experience with data science and analytics. You will need to demonstrate effective communication skills to present your findings to different audiences.

For this task, you will present your findings from Task 2 using Panopto to record a presentation of that summary. Your presentation will also include slides displayed by a multimedia tool (e.g., PowerPoint, Keynote, Prezif). This multimedia presentation will reiterate, in layman's terms, your findings from Task 2.

Note: For instructions on how to access and use Panopto, use the "Panopto How-To Videos" web link provided below. To access Panopto's website, navigate to the web link titled "Panopto Access" and then choose to log in using the "WGU" option. If prompted, log in using your WGU student portal credentials, and then it will forward you to Panopto's website.

To submit your recording, upload it to the Panopto drop box titled "Data Science Capstone- D606 | EBN2." Once the recording has been uploaded and processed in Panopto's system, retrieve the URL of the recording from Panopto and copy and paste it into the Links option. Upload the remaining task requirements using the Attachments option.

Before starting this task, ensure that Task 1 and Task 2 have a passing score. If Task 1 or Task 2 has not yet passed, your Task 3 submission will be returned without evaluation.

REQUIREMENTS

Your submission must represent your original work and understanding of the course material. Most performance assessment submissions are automatically scanned through WGU similarity checker. Students are strongly encouraged to wait for the similarity report to generate after uploading their work and then review it to ensure Academic



Authenticity guidelines are met before submitting the file for evaluation. See [Understanding Similarity Reports](#) for more information.

Grammarly Note:

Professional Communication will be automatically assessed through Grammarly for Education in most performance assessments before a student submits work for evaluation. Students are strongly encouraged to review the Grammarly for Education feedback prior to submitting work for evaluation, as the overall submission will not pass without this aspect passing. See [Use Grammarly for Education Effectively](#) for more information.

Microsoft Files Note:

Write your paper in Microsoft Word (.doc or .docx) unless another Microsoft product, or pdf, is specified in the task directions. Tasks may not be submitted as cloud links, such as links to Google Docs, Google Slides, OneDrive, etc. All supporting documentation, such as screenshots and proof of experience, should be collected in a pdf file and submitted separately from the main file. For more information, please see [Computer System and Technology Requirements](#).

You must use the rubric to direct the creation of your submission because it provides detailed criteria that will be used to evaluate your work. Each requirement below may be evaluated by more than one rubric aspect. The rubric aspect titles may contain hyperlinks to relevant portions of the course.

Presentation of Findings

- A. Present your capstone project to a nontechnical audience. Use Panopto to record yourself (being on camera is optional) delivering a presentation that includes slides displayed by a multimedia tool (e.g., PowerPoint, Keynote, Prezi). Your recording should capture your multimedia presentation. Your presentation should also demonstrate appropriate communication skills for the audience.
1. Cover in your presentation *each* of the following points:
- a brief introduction of yourself and your background
 - a statement of the problem and the hypothesis
 - a summary of the data analysis process
 - an outline of the findings
 - an explanation of the limitations of the techniques and tools used
 - a summary of proposed actions
 - expected benefits of the study (be as specific and quantitative as possible)
- B. Acknowledge sources, using in-text citations and references, for content that is quoted, paraphrased, or summarized.
- C. Demonstrate professional communication in the content and presentation of your submission.

File Restrictions

File name may contain only letters, numbers, spaces, and these symbols: ! - _ . * ' ()

File size limit: 200 MB

File types allowed: doc, docx, rtf, xls, xlsx, ppt, pptx, odt, pdf, csv, txt, qt, mov, mpg, avi, mp3, wav, mp4, wma, flv, asf, mpeg, wmv, m4v, svg, tif, tiff, jpeg, jpg, gif, png, zip, rar, tar, 7z