Google Data Analytics Certificate - Module 8

Overview

Module 8, *Google Data Analytics Capstone: Complete a Case Study*, focuses on applying the full data analysis process to a real-world case study. It integrates skills from previous modules to complete a comprehensive project. Designed for beginners, this module requires approximately 20 hours to complete and includes videos, readings, assignments, and a capstone project.

Key Components

- **Capstone Project**: Applying the six-phase data analysis process (ask, prepare, process, analyze, share, act) to a case study.

- **Project Planning**: Defining objectives, identifying data sources, and planning analysis.

- **Data Analysis and Visualization**: Using tools like SQL, R, or Tableau to analyze and visualize data.

- **Presentation Skills**: Creating and presenting findings to stakeholders.

- **Career Preparation**: Building a portfolio, refining resumes, and preparing for data analytics interviews.

- **Transferable Skills**: Applying project management and technical skills (e.g., Microsoft Office, Linux Homelab) to complete the capstone.

Delivery and Assessment

The module includes videos, readings, a capstone project, and quizzes, delivered by Google instructors. It is self-paced and includes activities like developing a case study presentation. Assessments include the capstone project evaluation and quizzes on project execution.

Learning Outcomes

Participants will apply the full data analysis process to a real-world case study, creating a portfolio-ready project. They will develop skills to present findings and prepare for data analytics careers.

Conclusion

Module 8 equips learners with the skills to complete a comprehensive data analytics project, aligning with industry practices. It completes the Google Data Analytics Certificate, preparing learners for entry-level data analytics roles.