PROGRAMMA CompTIA Data + (DA0-002)

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Part I: Data Concepts and Environments

- Identify basic concepts of data schemas and dimensions
- Compare and contrast different data types
- Compare and contrast common data structures and file formats

Part II: Data Mining

- Explain data acquisition concepts.
- Identify common reasons for cleansing and profiling datasets
- Given a scenario, execute data manipulation techniques
- Explain common techniques for data manipulation and query optimization

Part III: Data Analysis

- Given a scenario, apply the appropriate descriptive statistical methods
- Explain the purpose of inferential statistical methods
- Summarize types of analysis and key analysis techniques
- Identify common data analytics tools

Part IV: Visualization

- Given a scenario, translate business requirements to form a report
- Given a scenario, use appropriate design components for reports and dashboards
- Given a scenario, use appropriate methods for dashboard development
- Given a scenario, apply the appropriate type of visualization
- Compare and contrast types of reports

Part V: Data Governance, Quality, and Controls

- Summarize important data governance concepts
- Given a scenario, apply data quality control concepts
- Explain master data management (MDM) concepts