

uCertify

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CIW: Data Analyst (1D0-622)



11 Oct 2024

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- Data Protection Policies
- Search Engine Optimization
- Data Life Cycle Management (DLM)
- Data Analysis Process
- Lesson Summary

?????? 2: Introduction to Big Data

- Big Data
- The Importance of IT Data Management
- IT Business Environments
- Cloud-Based Data
- Cloud-Native Data
- In-House Data
- When to Migrate In-House Data to the Cloud
- Variations of Cloud-Based Systems
- Typical Databases Used for Data Analysis
- Data-Driven Business Decisions
- Impact of Data Errors

- Importance of Organizational Strategy and Data Quality in Data Analytics
- Data Modeling
- Importance of Data Maintenance and Data Backup
- Lesson Summary

?????? 3: Working with Data Sources

- Data E-Harmony: Working with Different Departments to Bring Data Together
- The Purpose of Customer Relationship Management (CRM)
- CRM Integration: A Banking Scenario
- Obtaining Data from Email and User Forums
- Obtaining Data from Other Knowledge Bases
- Obtaining Data from CRM and Business-to-Business Frameworks
- Transaction, Payment and Inventory Data
- Using Multiple Data Sources
- Lesson Summary

?????? 4: Tools for Capturing and Analyzing Data

- Data Analytics Tools
- Capturing Data: Tableau Public

- Capturing Data: Google BigQuery
- Capturing Data: OpenRefine
- Overview: Hadoop-Based Environments
- Capturing and Analyzing Data in Hadoop
- The R Project
- Additional Software for Data Capture
- Lesson Summary

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- Network Traffic
- Data Integration
- Why Testing is Important?
- Statistical Computing and Programming
- Organizational Efforts and Business Outcomes
- Best Methods to Capture and Report Specific Data
- Data Analysis and Reporting Dashboards
- Create Reports and Charts
- Create a Presentation for Reporting Data

- Frequently Asked Questions for Presentations
- Lesson Summary

?????? 6: Appendix A: Data Analyst Objectives and Locations

?????? 7: Appendix B: Works Consulted

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8
VIDEOS

29
MINUTES

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48

PRE-ASSESSMENTS
QUESTIONS

3

FULL LENGTH TESTS

102

POST-ASSESSMENTS
QUESTIONS

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Fundamentals of Data Analysis

- Learning the Data Analysis Lingo
- Learning Structured and Unstructured Data in the Real World
- Analyzing the Metadata and Understanding Search Engine Optimization
- Using the AdSense and AdWords Services

Introduction to Big Data

- Analyzing and Utilizing Big Data
- Adapting to Changing Data Requirements
- Comparing Relational Database Management Systems
- Analyzing DDDM and Data for Blanket Technology

Working with Data Sources

- Calculating the Churn Rate
- Analyzing Customer Relationship Management
- Calculating Consumer Lifetime Value in Banking
- Understanding the RFM Analysis for Customer Segmentation

Tools for Capturing and Analyzing Data

- Creating a Stacked Bar Chart
- Using RStudio

Analyzing and Reporting Data

- Creating a Gantt Chart
- Comparing Prezi and PowerPoint Presentations
- Creating a PowerPoint Presentation

