

uCertify

# Course Outline

CIW: Data Analyst



Lesson



Practice test

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## 1. Course Objective

Start your prep for CIW Data Analyst: 1D0-622 certification exam with CIW Data Analyst course. The course covers all the objectives of the 1D0-622 exam and provides skills to identify typical sources of institutional knowledge, including Customer Relationship Management (CRM) applications, inventory management systems, transaction data, social media, marketing sources, industry systems; and much more.

## 2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

## 3. Exercises, Quizzes, Flashcards & Glossary

Each lesson comes with Exercises, Flashcards & Quizzes. There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding. Flashcards help master the key concepts while Glossary defines the key terms.

### Number of Questions



800

Over 800 unique questions including pre-assessment, quizzes, exercises, and post assessment.

## 4. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 5. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 6. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 7. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 4 years:

- **2014**
  1. Best Postsecondary Learning Solution
  
- **2015**
  1. Best Education Solution
  2. Best Virtual Learning Solution
  3. Best Student Assessment Solution
  4. Best Postsecondary Learning Solution
  5. Best Career and Workforce Readiness Solution
  6. Best Instructional Solution in Other Curriculum Areas
  7. Best Corporate Learning/Workforce Development Solution
  
- **2016**
  1. Best Virtual Learning Solution
  2. Best Education Cloud-based Solution
  3. Best College and Career Readiness Solution
  4. Best Corporate / Workforce Learning Solution
  5. Best Postsecondary Learning Content Solution
  6. Best Postsecondary LMS or Learning Platform
  7. Best Learning Relationship Management Solution
  
- **2017**
  1. Best Overall Education Solution
  2. Best Student Assessment Solution

3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

## 8. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

## Syllabus

### Chapter 1: Fundamentals of Data Analysis

- The Importance of Good Data
- Centralized Data Benefits
- Structured vs. Unstructured Data
- Typical Sources of Business Data
- Search Engine Optimization
- Lesson Summary

### Chapter 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
- Lesson Summary

### Chapter 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 E-Mail 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

### Chapter 4: Tools for Capturing and Analyzing Data

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

### Chapter 5: Analyzing and Reporting Data

- Network Traffic
- 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

Chapter 6: Appendix A: Data Analyst Objectives and Locations

Chapter 7: Appendix B: Works Consulted

## Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

5

VIDEOS

19

MINUTES

## 9. Practice Test

uCertify provides full length practice tests. These tests closely follow the exam objectives and are designed to simulate real exam conditions. Each course has a number of test sets consisting of hundreds of items to ensure that learners are prepared for the certification exam.

### Here's what you get



48

PRE-ASSESSMENTS  
QUESTIONS

2

FULL LENGTH TESTS

52

POST-ASSESSMENTS  
QUESTIONS

## Features

### Full Remediation

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

### Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

### Learn, Test and Review Mode

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

## 10. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

Have Any Query? We Are Happy To Help!

### GET IN TOUCH:

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