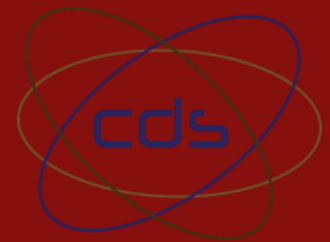


# Certified Data Steward Program



## Education and Certification for Data Stewards

- **Data Stewardship Fundamentals**
- **Data Quality for Data Stewards**
- **Data Governance for Data Stewards**
- **Metadata Management for Data Stewards**
- **Data Analysis Fundamentals**
- **Master Data Management for Data Stewards**
- **Data Analytics for Data Stewards**
- **Data Privacy and Protection Fundamentals**
- **Data Ethics & Responsible AI: Fundamentals**

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## ABOUT THE CDS PROGRAM

Data stewardship is a critical role in modern data management. In the digital age, we have experienced rapid growth in volume and types of data, users and uses of data, and regulations for data privacy and protection. Advanced applications for data such as automation and artificial intelligence bring new opportunities, but they also create new risks. Data stewards are the “feet on the ground” who align day-to-day data practices with the principles and policies for maximum data value with minimum risk. They are the front line in building data literacy. Every company that is serious about governance, quality, security, self-service, and digital transformation must get serious about data stewardship.

The mission of the Certified Data Steward (CDS) Program is to formalize the role of data stewardship and to drive recognition of Data Steward as a professional designation. To fulfill this purpose, CDS is committed to these goals:

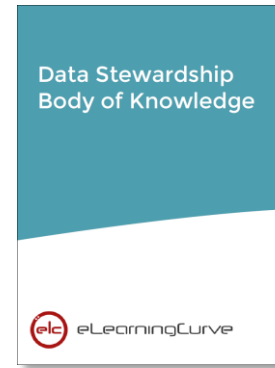
- Define, manage, and publish a comprehensive Data Stewardship Body of Knowledge (DSBOK)
- Identify the skills essential for data stewards and the resources through which those skills can be developed
- Offer comprehensive education in all areas of DSBOK
- Evaluate individual’s capabilities through a comprehensive examination and experience review
- Recognize individuals who have met the requirements with the professional designation Certified Data Steward

The CDS designation makes a clear statement that you have learned from the industry leaders and demonstrated both depth of understanding and the skills to apply concepts, techniques, and practices of data stewardship, data quality, data governance, metadata management, and master data management.

For the true standard bearers in the data stewardship profession we offer the second level of CDS certification - CDS Ex. To earn CDS Ex designation you must demonstrate a combination of great Expertise, Experience, and Excellence.

## BODY OF KNOWLEDGE

The Data Stewardship Body of Knowledge (DSBOK) is a structured comprehensive list of topics comprising the data stewardship professional domain. It was created in collaboration between the leading experts and educators in the field and members of the CDS Advisory Council under the leadership of Arkady Maydanchik, Maria C Villar, and David Wells.



### 1. Data Stewardship Fundamentals

- 1.1. Definitions
- 1.2. Data Stewardship Organizations
- 1.3. Data Steward Characteristics

### 2. Data Management Processes

- 2.1. Architectural Processes
- 2.2. Utilization Processes (CRUD)
- 2.3. Custodial Processes
- 2.4. Data Lifecycle Processes and Enabling Technologies
- 2.5. Data Sharing
- 2.6. Data Risk Management

### 3. Information Management Concepts

- 3.1. Types of Data and Information
- 3.2. Types of Data Stores
- 3.3. Types of Databases
- 3.4. Common Uses of Data
- 3.5. Business Data Flow 3
- 3.6. Information Management Disciplines
- 3.7. Data Analytics

### 4. Data Quality

- 4.1. Quality Management Basics
- 4.2. Data Quality Concepts and Principles
- 4.3. Data Quality Dimensions
- 4.4. Data Quality Processes and Projects
- 4.5. Data Quality in IT Processes and Projects
- 4.6. Data Quality for Big Data
- 4.7. Measuring Data Quality

### 5. Data Integration

- 5.1. Data Integration Processes
- 5.2. Data Integration Methods
- 5.3. Data Freshness
- 5.4. Ensuring Data Quality in Data Integration

### 6. Data Governance

- 6.1. Data Governance Basics
- 6.2. Components of Data Governance
- 6.3. Data Governance Programs
- 6.4. Executing Data Governance
- 6.5. Data and Capabilities
- 6.6. Data Literacy
- 6.7. Modernizing Data Governance

### 7. Metadata Management

- 7.1. Metadata Concepts
- 7.2. Data Modeling
- 7.3. Data Profiling
- 7.4. Data Curation and Cataloging
- 7.5. Taxonomies and Ontologies

### 8. Master and Reference Data Management

- 8.1. Master Data Management (MDM) Basics
- 8.2. Data Parsing, Matching, and De-Duplication
- 8.3. Reference Data
- 8.4. Global Data

## What People are Saying about eLearningCurve

The courses within the eLearningCurve curricula are well organized and are of great value to anyone who is engaged in the quickly maturing Information Management areas of Data Governance, Data Stewardship, and Data Quality.

–Patrick DeKenipp

The classes are very well organized and a must for learning the proper terminology and getting a solid foundation upon which to build with experience. The instructors are experienced, knowledgeable, well known in the field, and extremely engaging.

–Oana Garcia

I was very impressed with the high quality of the CIMP Data Quality program. I gained extensive knowledge of data quality disciplines and related areas and very much enjoyed my classes which were taught by knowledgeable and professional instructors. Passing the exams required in-depth understanding of the subject matter and was by no means a walk in the park but definitely worth the effort. I was a data quality rookie when I started out but now have a solid foundation to build upon as a professional in the exciting field of data quality management.

–Helle Lindsted

## CDS RULEBOOK

To earn Certified Data Steward (CDS) designation you must complete 4 courses from the CDS curriculum, including Data Stewardship Fundamentals and at least two core courses.

If you complete a CIMP in Data Quality, Data Governance, MDM, or Metadata Management tracks, you will automatically earn a credit for the corresponding CDS course. For example, CIMP in Data Quality will earn you a credit for Data Quality for Data Stewards.

To successfully complete a course, you must achieve a 70% or better score on the corresponding online exam. You even do not have to listen to the course itself if you are confident in your knowledge. However, most students will find it advisable to take the courses to prepare for the exams.

**CDS Ex** goes beyond CDS to indicate that you are a true standard bearer in the data stewardship profession. To earn the CDS Ex designation you must demonstrate:

- **Expertise.** You must complete 7 courses including Data Stewardship Fundamentals, all three core courses, and 3 electives (2 from the CDS curriculum, and 1 course of your choice from our entire curriculum)
- **Experience.** Have at least five years of work experience in a data-related job role. This could be any job in business or IT that involves collecting, manipulating, using, analyzing, or managing data. Each day in a data stewardship role counts as two days of experience (subject to approval by CDS Board). You may count a job towards CDS Ex experience requirements as long as at least 50% of your duties are eligible. If you are not sure that your experience qualifies, please, contact <mailto:support@elearningcurve.com>.
- **Excellence.** Achieve the average score on the exams of 75% or better. If you have taken an exam more than once, only your best score will count. However, an incremental 3% "penalty" will apply to the score for each attempt beyond the second. Thus, if your actual score is 56% on the first attempt, 65% on the second attempt, and 76% on the second attempt, 73% (76%-3%) will be used for the purpose of calculating the average. Note, that there is no "penalty" for failing on the first attempt.

For more information please visit the [CDS Rulebook](#) online.

## CDS PACKAGES

We've made it easier than ever to get comprehensive education for Data Stewards and earn a **Certified Data Steward (CDS)** designation. Each package below includes all courses and exams necessary to earn CDS or CDS Ex designation, all at a savings of 20% or more.

Various packages target different types of data stewards and information management professionals. Many packages also allow you to earn CDS in combination with other eLearningCurve Certifications, such as **Certified Information Management Professional (CIMP)** in various disciplines, **Data Management Capability Assessment Model (DCAM)**, **Data Analysis Certified (DAC)**, and **Data Literacy Certification (DLC)**. Please, read the information below to find the CDS package that is right for you!

### CDS Packages

- [CDS Package](#)
- [CDS Ex Package](#)



### CDS and CIMP Packages

- [CDS and CIMP Data Quality Package](#)
- [CDS and CIMP Data Governance Package](#)
- [CDS and CIMP Data Quality and Data Governance Package](#)
- [CDS Ex and CIMP Data Governance Package](#)
- [CDS Ex and CIMP Data Quality Package](#)

### CDS and DCAM Packages

- [CDS and DCAM Package](#)
- [CDS Ex and DCAM Package](#)

### CDS and Data Literacy Certification Packages

- [CDS and DLC Expert](#)
- [CDS and DLC Mentor](#)
- [CDS Ex and DLC Mentor](#)

### CDS and Data Analysis Certified Package

- [CDS and DAC Certified](#)

## ENTERPRISE SOLUTIONS



**Today, more than ever companies are watching expenses and looking for ways to streamline processes, make training convenient, and create a consistent, scalable learning environment.**

Today more than ever companies are watching expenses and looking for ways to streamline processes, make training convenient, and create a consistent learning environment.

eLearningCurve Enterprise is a flexible, convenient, and cost-effective way to train your employees and ensure that all team members have access to information management training they need when they need it. Whether your team or department work in the same office, or are on the other side of the world from each other, you can train them on time and on budget with eLearningCurve Enterprise.

### **Why eLearningCurve Enterprise?**

- Comprehensive educational solution from a single provider
- Employees can take the courses they need when they need them
- Ensure all team members are trained to the same high standard
- Train employees no matter what their geographic location
- Employ a fully scalable education solution
- Minimize disruption to the business
- Maximize your employee training ROI
- Achieve 100% information comprehension
- Get "live" time with our instructors
- Stretch your training budget
- Get solutions for your specific needs

### **When you become an eLearningCurve Enterprise Customer**

We'll work with you to develop educational programs for different roles, positions, teams, departments, and manage and track enrollment of all students in online classes and CIMP exams. We'll track and report educational progress for each student and work with you to meet any specific educational needs.



## ELEARNINGCURVE ENTERPRISE BENEFITS

**PARTNERSHIP:** *Comprehensive educational solution from a single provider.* We'll be your educational "partner-for-life" providing employees with continuous information management education they need over the course of their careers.

**FLEXIBILITY:** *Employees can take the courses they need when they need them.* Our flexible program allows employees to take the courses they need when they need them to best suit their role, projects, backgrounds or interests.

**CONSISTENCY:** *Ensure all team members are trained to the same high standard.* Train your existing team, and set up courses for new hires and transfers. Consider CIMP exams to verify that your employees utilize the same methodology, techniques, and terminology.

**SCALABILITY:** *Select an Education Partner who truly understands scalability.* Roll out to a few employees, or your entire organization. Our solution can quickly and effortlessly accommodate groups of all sizes, even if they are geographically dispersed.

**BREADTH:** *Acquire comprehensive education and certification.* We offer a full information management education. We have you covered with a comprehensive set of courses, exams, and certifications designed to impart knowledge, test understanding, and validate learning.

**LOCATION:** *Train employees no matter what their geographic location.* Overcome geographical barriers to training. You can train your entire team whether they are in the same office, or on the opposite sides of the world. Everyone can access our online courses from any place at any time.

**LOGISTICS:** *Minimize disruption to the business.* Our online format allows employees to study from their office or home, allocate full training days, or study an hour a day during lunch breaks.

**ROI:** *Maximize your employee training ROI.* No need to worry about paying for flights, hotels and other travel expenses. 100% of what you spend goes towards learning, thus achieving top quality education at a fraction of the cost of in-person training.

**RESULTS:** *Achieve 100% information comprehension.* Learn from top industry experts in information management topics. Study at your own pace, listen to the material many times, and test your knowledge through CIMP certification exams.

**SAVINGS:** *Stretch your training budget.* We offer various pricing options including volume discounts, pay-as-you-go model with increasing discounts, and other alternatives.

**"LIVE" INTERACTION:** *Spend time with our instructors.* Organize question and answer meetings (via Webinar) with course instructors for groups of students who complete online courses.

**INFORMATION MANAGEMENT 101 Mini-classes.** As a benefit to our enterprise customers we offer a certain number of complimentary licenses for our 101 mini-classes.

**CUSTOMER COURSEWARE:** *Get solutions for your specific needs.* Tell us which courses your organization needs the most. We'll work with top instructors in the industry to meet your needs in the most expedient manner.

## COURSE DESCRIPTIONS

### Data Stewardship Fundamentals

**Instructors: Maria C Villar and David Wells**

**Duration: 5 hours, 15 minutes**

Data Stewards are important leaders in a company's information management program. As companies tackle data governance initiatives brought on by regulatory demands and the business need for higher confidence and transparency of data, the role of Data Steward becomes increasingly important. Data Stewards are accountable for the data strategy, definition, requirements, and quality of the data. To be effective in their duties, Data Stewards must understand how the data is created, stored, manipulated, moved about, and used. And, while data stewards usually do not personally run data governance, data quality, or metadata management programs, they must possess knowledge in all these, and many other information management disciplines.

The objective of this online training course is to build a foundation of knowledge for the Data Stewards. It covers fundamentals of data stewardship: who are the data stewards, what they do, what are their responsibilities, and what are the key principles and practices of data stewardship. It also provides foundational knowledge of information management.

#### You will learn:

- Why data stewards are important
- Different types of data stewards
- Roles and responsibilities of data stewards
- Best practices of data stewardship
- Types of data, databases, and data stores
- Common uses of data and business data flow
- Types of data management processes
- The "what, why, and who" for each of the 14 IM disciplines
- Relationships, roles, goals, competencies, and knowledge for data stewards

#### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about data stewardship

### Data Quality for Data Stewards

**Instructors: Arkady Maydanchik, Olga Maydanchik, and David Wells**

**Duration: 5 hours**

Since data quality is one of the core responsibilities of data stewards, each steward needs a foundation of concepts, principles, terminology, and methodology of data quality management.

This online training course provides an overview of the field of data quality with the goal of building strong fundamental knowledge for data stewards. It covers topics ranging from data quality definitions and dimensions to key data quality management practices and methodologies as well as core data quality processes and projects.

#### You will learn:

- Basic concepts, principles, and practices of quality management
- How quality management principles are applied to data
- Dimensions of data quality
- Common causes of data quality problems
- Introduction to data quality assessment
- Introduction to root cause analysis
- Introduction to data quality monitoring

#### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about data quality



## Data Governance for Data Stewards

Instructors: Maria C Villar, John Ladley, and David Wells

Duration: 4 hours, 45 minutes

Data governance is a cross-functional management program that treats data as an enterprise asset. It includes the collection of policies, standards, processes, people, and technology essential to managing critical data to a set of goals. Understanding data governance fundamentals is essential to the success of data stewards. This online training course provides an overview of data governance with the goal of building strong fundamental knowledge for data stewards. It covers the disciplines of governing data, the essential components and a roadmap to execution of a successful data governance program.

### You will learn:

- What data should be governed
- Why data governance is important
- Basic concepts, principles, and practices of a data governance program
- Where and how to start a data governance program
- People and tools that enable a data governance program
- Techniques to measure success of a data governance program
- Data governance of emerging data solutions - big data and cloud applications

### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about data governance

## Metadata Management for Data Stewards

Instructors: David Wells, Mike Brackett, and Arkady Maydanchik

Duration: 4 hours

You can't manage information effectively without understanding the data meaning, constraints and relationships. Metadata management and data modeling disciplines provide the essential tools to collect, record, and organize such knowledge. Understanding these disciplines is essential to the success of data stewards. This online training course is designed to provide foundation knowledge about the most commonly used metadata management, data modeling, and data profiling techniques.

### You will learn:

- The core elements of describing data: meaning, constraints, and relationships
- Common metadata purposes: classification, description, guidance, and control
- Common metadata processes, practices, and standards
- The basics of entity-relationship and dimensional data modeling
- Fundamentals of data profiling

### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about data modeling and metadata management

## Master Data Management for Data Stewards

**Instructors: William McKnight and Kathy Hunter**

**Duration: 4 hours, 45 minutes**

Master Data Management (MDM) is complex and challenging, but it pays great dividends when done well. The complexities of managing identities, managing hierarchies, and resolving conflicts among disparate data sources make MDM an ambitious undertaking. Add to these complexities the multi-faceted nature of MDM - with human, organizational, architectural, and technological implications - and it becomes clear that knowledge is an essential component of MDM success.

Since Data Stewards play a critical role in master data management, each steward needs a foundation of concepts, principles, terminology, and methodology of this important information management discipline. This online training course provides an overview of the field of master data management with the goal of building strong fundamental knowledge.

### You will learn:

- What is Master Data and why and how it must be managed
- Styles and architectures used for MDM projects
- Challenges and best practices in MDM, including several real-world case studies
- Fundamentals of data parsing, standardization, matching, and de-duplication
- Challenges of working with global data and ways to overcome these challenges

### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about MDM

## Data Analytics for Data Stewards

**Instructor: Mark Peco, Deanne Larson, and Eric Siegel**

**Duration: 5 hours**

The objective of this 5-hour course is to provide an overview of the many disciplines that make up the field of data analytics, ranging from business intelligence to data science. The goal is to build basic knowledge of each discipline for data stewards who work with and support participants and stakeholders in all dimensions of data analytics.

### You will learn:

- The fundamental concepts and practices of Business Intelligence
- The fundamental concepts and practices of Business Analytics
- Concepts and principles of Predictive Analytics
- Concepts and principles of Data Mining
- Concepts and principles of Data Science
- The roles of data analytics in a data-driven organization

### This course is geared towards:

- Data stewards
- Business or IT professionals who want to become data stewards
- Business or IT counterparts working with data stewards
- Information management professionals who want to learn about data analytics

## Data Privacy and Protection Fundamentals

**Instructor: Evan Levy**

**Duration: 5 hours**

The business world is undergoing a transition in today's data driven economy. As the value of data has grown, the awareness of protection, privacy, and liability has become top-of-mind. For many years, companies were able to acquire, collect and use customer and other personal information without concern for rules, laws, and liabilities. That's no longer the case.

The frequent occurrence of data misuse and theft has created the need for companies to reexamine their approach to data protection and privacy. Most business people think little about their company's responsibilities in retaining customer data to support business decision making. Unfortunately, the development of laws around the world focused on data protection, privacy, and responsibility has created a new set of challenges in the world of data usage and business analytics. The day is quickly approaching where companies will need to be able to manage and track data usage, data location, and customer consent. In this 5-hour course, Evan Levy discusses the details of data privacy and protection and reviews the activities that go into supporting a data privacy and protection initiative.

### You will learn:

- Key concepts of data privacy and protection
- The impact of data privacy on an existing analytics environment
- An approach to integrating data privacy and protection into a data lifecycle
- The phases and activities involved with Data Privacy/Protection Initiative
- The stakeholders and participants of a Data Protection Initiative

### This course is geared towards:

- Chief data officers
- Compliance and risk officers
- Program/project management
- Business sponsors
- BI/analytics developers
- Data architects
- Data management staff

## Data Ethics & Responsible AI Fundamentals

**Instructor: Diana L. Ascher, PhD, MBA**

**Duration: 3 hours**

This online course delves into the importance of data ethics & responsible AI in data management organizations. It identifies basic ethical principles pertaining to data and describes how these arise from three general ethical frameworks. Participants will consider the data ethics implications of several case studies and current events. Participants will learn how to recognize the data ethics aspects of the DCAM framework for application in real-world situations.

### You will learn:

- What data ethics really means
- The many forces driving urgency of data ethics
- The benefits and harms that can result from data
- The risks of data breaches
- The importance of trust and how it is created
- How data ethics integrates into the 8 components of DCAM
- The very strong relationships of data ethics and data governance
- Three steps toward data ethics actualization

### This course is geared towards:

- Stewards of business data
- Information professionals seeking guidance in this emerging area
- Professionals who have been asked to implement or participate in a data governance program

# Data Analysis Fundamentals

**Instructor: David Wells and Mark Peco**

**Duration: 4.5 hours**

Data analysis is a topic that is important to everyone in business today. Data analysis is no longer the domain of technical specialists, statisticians, and data scientists. Understanding the basics of analyzing data is important for every business professional today.

Data analysis is much more than applying statistics to data and creating charts and graphs. It is the practice of finding patterns in data and finding meaning in data. Several different data analysis methods and processes exist, each with distinct purpose and application. Underlying all of them are the core activities needed to for data analysis that is purposeful, accurate, meaningful, and valuable: establishing analysis purpose with problem framing, acquiring the right data for analysis, exploring and understanding the data, preparing data for analysis, finding patterns and meaning, data visualization, and communicating findings and conclusions of analysis. Each of these activities has a role in efficiency, effectiveness, and business impact of data analysis. This course examines each of those activities and the skills needed to perform them well.

## You will learn:

- Data analysis concepts, applications, & processes
- Descriptive and inferential statistics concepts and their applications in data analysis
- Preparing for data analysis - project and problem framing
- Getting the right data for analysis - data searching and data acquisition
- Understanding the data - data exploration with profiling and visualization
- Data cleansing and data structuring
- Data improvement, enrichment, and formatting
- Statistical data analysis techniques
- Algorithmic data analysis techniques
- Data visualization and storytelling
- Data analyst traits and skills

## This course is geared towards:

- Business managers who are the de facto data analysts for most organizations
- Business and data analysts whose primary responsibility is finding meaning and insights in data
- Managers of organizations and teams with data analysis responsibilities
- Everyone who uses data for decision making in their day-to-day activities
- Anyone with data analysis responsibilities
- Anyone who has access to data and desire to get more value from the data
- Everyone with an interest in data analysis

## OUR INSTRUCTORS

### Diana L. Ascher

Diana Ascher, PhD, MBA, works at the intersection of information practice and policy. She is the director of the IS Lab at UCLA and founder of the Information Ethics & Equity Institute, which bridges information studies research and praxis through accredited programming for data and information workers. As Senior Advisor on Data Ethics & Responsible AI to the EDM Council, Dr. Ascher helps ensure the world's leading organizations develop ethical data management policies and practices.

### Mike Brackett

Mike Brackett has been in the data management field for over 40 years, during which he developed many concepts and techniques for designing applications and managing data resources. He is the originator of the common data architecture concept, the data resource framework, the data naming taxonomy, the five-tier five-schema concept, the data rule concept, the BI value chain, the data resource data concept, and the architecture-driven data model concept, and new techniques for understanding and integrating disparate data.

### Kathy Hunter

Kathy always says she has data in her blood. Joining Harte-Hanks in 2002, she built an information management practice and, with her highly skilled team, was responsible for instituting their highly successful Global Data Management solution set. From information quality and data governance through to providing global data solutions and guidance she attained a reputation for expert knowledge and successful delivery in global information management to her clients. Kathy is known for her pragmatic approach to topics, providing helpful hints and practical examples in order to solve tough problems.

### John Ladley

John Ladley is a business technology thought leader with 30 years' experience in project management, improving IT organizations and successful implementation of information systems. John is a widely-known data warehouse pioneer and a recognized authority in the use and implementation of business intelligence and enterprise information management. He is currently President of IMCue Solutions, a firm focused on improving client's balance sheets and competitiveness through enterprise information management.

### Deanne Larson

Dr. Larson is an active practitioner and academic focusing on business intelligence and data warehousing with over 20 years of experience. She completed her doctorate in management in information technology leadership. She holds project management professional (PMP) and certified business intelligence professional (CBIP) certifications

## **Evan Levy**

Evan has spent his career leading both practitioners and executives in delivering a range of technology solutions, from software product development to industry-focused strategic consulting services to organizational leadership sessions. He has led high-profile systems integration projects for Fortune 500 customers in the financial services, retail, telecommunications, health/life sciences, government, and insurance industries. He's also been retained as a strategic advisor in the areas of product planning, and continues to counsel the investment community in the use of applying advanced technologies to key business initiatives.

## **Arkady Maydanchik**

For more than 20 years, Arkady Maydanchik has been a recognized leader and innovator in the fields of data quality and information integration. As a practitioner, author and educator he has been involved in some of the most challenging projects industry has seen. These projects were often the result of major corporate mergers and the need to consolidate and integrate databases of enormous variety and complexity. Arkady's client list includes such household names as Dun & Bradstreet, Hewitt Associates, Kimberly Clark, Raytheon, Sprint, Verizon, and Xerox.

## **Olga Maydanchik**

Olga Maydanchik is an experienced practitioner and educator in the field of Information Management. As a part of Chief Data Offices in Citi, AIG, Deutsche Bank, and Voya Financial, Olga was focused on designing and implementing the enterprise-wide Data Quality, Master Data Management, Metadata Management, and Analytics programs. Olga is a member of the Enterprise Data Management Council and actively participated in the Data Management Capability Assessment Model and Ontology design work streams.

## **William McKnight**

William is president of McKnight Consulting Group, which includes service lines of Master Data Management, IT assessment, Big Data, Columnar Databases, Data Warehousing, and Business Intelligence. He functions as Strategist, Lead Enterprise Information Architect, and Program Manager for sites worldwide. Many of his clients have gone public with their success stories. William is a Southwest Entrepreneur of the Year Finalist, a frequent best practices judge, has authored hundreds of articles and white papers and given hundreds of international keynotes and public seminars. His team's implementations from both IT and consultant positions have won Best Practices awards. William is a former Information Technology Vice President of a Fortune 50 company, a former engineer of DB2 at IBM and holds an MBA from Santa Clara University.



## **Mark Peco**

Mark is an experienced consultant, educator, practitioner and manager in the fields of BI and process improvement. He provides vision and leadership to projects operating and creating solutions at the intersection of business and technology. Mark is involved with clients working in the areas of process improvement, data management and business intelligence. He holds a graduate degree in engineering from the Univ. of Waterloo and has led numerous consulting projects helping clients adapt to fundamental shifts in business models and requirements.

## **Eric Siegel**

Eric Siegel, Ph.D., is a seasoned consultant in data mining and analytics, an acclaimed industry instructor, and an award-winning teacher of graduate-level courses in these areas. An expert in data mining and predictive analytics, Dr. Siegel served as a computer science professor at Columbia University, where he won the engineering school's award for teaching undergraduate and graduate courses. He has published over 20 papers and articles in data mining research and computer science education and has served on 10 conference program committees.

## **Maria C. Villar**

Maria C. Villar is a leader, consultant and writer in the field of enterprise information management, IT management and software development. She has held senior executive positions in both the technology and financial sector. Maria holds a bachelor in Computer Science and graduate degrees in Management Information Systems and Business Administration. Maria has guest lectured on the topic of IT and information management in leading universities, industry conferences and Fortune 500 companies across the country.

## **David Wells**

Dave Wells is a consultant, teacher, and practitioner in the field of information management. He brings to every endeavor a unique and balanced perspective about the relationships of business and technology. This perspective —refined through a career of more than thirty-five years that encompassed both business and technical roles— helps to align business and information technology in the most effective ways. Dave is a frequent contributor to trade publications and is a co-author of the book *BI Strategy: How to Create and Document*. He also speaks at a variety of industry events.

## OUR CUSTOMERS

eLearningCurve has students in almost every country in the world, including many enterprise customers.



- Variety of customers from small project teams to large enterprises
- Enterprise customers typically Fortune 500 and Global 1000 companies
- All major industries are represented

## WHAT OUR CUSTOMERS ARE SAYING...



**The courses are well laid out, build on each other, and are rich in practical content and advice.**

-- Steve Lutter, CIMP Data Quality, DM and Metadata, IM Foundations, Business Intelligence, Data Governance, MDM, United States



**It is evident that a thorough and considerable effort has gone into the preparation of this program.**

-- Alfredo Parga O'Sullivan, CIMP Ex Data Quality, Ireland



**The ability to take the courses at my own pace and at a time suitable for me was of great help.**

-- Geeta Jegamathi, CIMP Data Quality, India

## CONTACT US

### Director, Enterprise Solutions

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## Packages

|  |         |
|--|---------|
| CDS Package                              | \$1,855 |
| CDS Ex Package                           | \$2,835 |
| CDS and CIMP Data Quality                | \$2,835 |
| CDS and CIMP Data Governance             | \$2,515 |
| CDS and CIMP Data Quality and Governance | \$3,375 |
| CDS Ex and CIMP Data Governance          | \$3,375 |
| CDS Ex and CIMP Data Quality             | \$3,375 |
| CDS and DCAM                             | \$2,255 |
| CDS Ex and DCAM                          | \$3,115 |
| CDS and DLC Expert                       | \$2,575 |
| CDS and DLC Mentor                       | \$2,875 |
| CDS Ex and DLC Mentor                    | \$3,875 |
| CDS and DAC Package                      | \$2,795 |

## Individual Data Stewardship Courses

|   |       |
|---|-------|
| Data Stewardship Fundamentals             | \$535 |
| Data Quality for Data Stewards            | \$500 |
| Data Governance for Data Stewards         | \$475 |
| Metadata Management for Data Stewards     | \$385 |
| MDM for Data Stewards                     | \$475 |
| Data Analytics for Data Stewards          | \$475 |
| Data Privacy and Protection Fundamentals  | \$520 |
| Data Ethics & Responsible AI Fundamentals | \$495 |
| Data Analysis Fundamentals                | \$480 |

## Exams

|                      |       |
|----------------------|-------|
| Exam for each course | \$100 |
|----------------------|-------|

## Enterprise Discounts

We offer discounts to Enterprise customers who purchase in bulk. Please contact us for more information.