



CERTIFIED INFORMATION MANAGEMENT PROFESSIONAL (CIMP) MASTER DATA MANAGEMENT PROGRAM

RCTM **Ramaq
Chools**
Consulting & Training

CONTENTS

1. Introduction to CIMP MDM
2. Why Choose Chools?
3. Who Can Apply?
4. Program Overview
5. Objectives and Outcomes
6. Skills Learned
7. Job Positions and Opportunities
8. Key Industry Verticals
9. Program Outline
 - Stage 1: Fundamentals of Master Data Management
 - Stage 2: Advanced Data Management Tools
 - Stage 3: Practical Applications
 - Stage 4: Capstone Project
 - Elective Modules
10. Enrollment Information



INTRODUCTION TO CIMP MDM

Welcome, future data management professional! The Certified Information Management Professional (CIMP) Master Data Management (MDM) certification is a prestigious program that provides education and certification in Master Data Management. This program is designed to certify your knowledge and understanding of MDM by passing several challenging exams. Master Data Management focuses on managing an organization's critical data assets, supporting business processes, decision-making, and analytics.





Why Choose Chools?

Numbers That Speak for Themselves:

- 10,000+ Successful Alumni: Join a network of impactful professionals.
- 95% Job Placement Rate: Secure your future with Chools' proven track record.
- 20+ Years of Excellence: Trust in a legacy of education and industry expertise.
- 200+ Industry Partnerships: Leverage our connections for real-world insights and opportunities.

What Sets Us Apart?


- **Expert Instructors:** Learn from industry veterans with hands-on experience.
- **Hybrid Learning Model:** Balance online flexibility with in-person engagement.
- **Comprehensive Curriculum:** Stay ahead with courses designed to meet market demands.
- **Community and Networking:** Be part of an active community of learners and professionals.

Who Can Apply?

Eligibility Criteria:

- A basic level of education, preferably with a STEM background.
- Good command of English.
- Some prior knowledge of master data management concepts and tools.



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- Completion of five courses from the CIMP MDM curriculum, including the fundamentals course and at least two core courses.
 - A passing score on the CIMP MDM exam, consisting of 50 multiple choice questions

Program Overview

The CIMP Master Data Management Program at Chools is designed to provide a comprehensive education in master data management. Our curriculum ensures a thorough understanding through four progressive stages, combining theoretical knowledge with practical, hands-on experience.

Learning Mode:

- **Hybrid Learning Model:** Combines online learning with in-person sessions for flexibility and interactive engagement.
- **Interactive Sessions:** Includes live webinars, workshops, and Q&A forums with expert instructors and peers.
- **Self-paced Learning:** Access course materials anytime, allowing you to learn at your own pace.



Skills Learned

- **Data Governance:** Establishing policies and standards.
- **Data Stewardship:** Ensuring data quality and accountability.
- **Data Architecture:** Designing and managing data structures.
- **Data Modeling:** Creating efficient data models.
- **Data Warehousing:** Storing and retrieving large data sets.
- **Big Data Technologies:** Handling large datasets with Hadoop and Spark.
- **Cloud Computing:** Utilizing cloud platforms for data management.
- **Data Ethics:** Understanding responsible data use.
- **Data Integration:** Combining data from various sources.
- **Business Intelligence:** Using data to drive decision making.

Job Positions and Opportunities

- **Career Paths:** Master Data Management Professional, Data Architect, Data Governance Officer, Data Quality Manager, Data Analyst, Business Intelligence Analyst, Data Warehouse Manager.
- **Industry Demand:** High demand across various sectors, competitive salaries, and strong growth potential.

Key Industry Verticals

- **Skill Application Areas:** Finance, Healthcare, Technology, Marketing, Manufacturing, Energy, Education, Telecommunications, Logistics and Supply Chain, Government and Public Services.

Curriculum Highlights

- **Fundamental Knowledge:** Core principles of master data management.
- **Advanced Techniques:** In-depth understanding of advanced data management tools.
- **Real-World Applications:** Practical projects and case studies to apply your learning.
- **Capstone Project:** A final project that integrates all your skills and knowledge, showcasing your proficiency in master data management.

Professional Development

- **Continuous Learning:** Stay updated with the latest trends and advancements in master data management.
- **Networking Opportunities:** Connect with industry experts, peers, and alumni to advance your career.
- **Ethical Considerations:** Learn about data ethics, privacy, and compliance to maintain the integrity of your practices.

By completing the **CIMP MDM Program** at Chools, you'll gain the skills, knowledge, and certification needed to excel in master data management, positioning yourself as a valuable asset to any organization.

Program Objectives

- Master technical skills in master data management.
- Implement advanced data management techniques.
- Explore MDM frameworks and best practices.
- Address real-world data management challenges.
- Understand ethical considerations in data management.
- Foster continuous learning.
- Encourage teamwork and collaboration.
- Prepare for advanced roles in data management.

Expected Outcomes

- Proficiency in master data management tools and techniques.
- Practical experience through hands-on projects.
- Strong analytical and problem-solving skills.
- Application of ethical data practices.
- Innovation in data management solutions.



PROGRAM OUTLINE

Stage 1: Fundamentals of Master Data Management

1. Introduction to Master Data Management

- o Core principles, tools, and industry applications.

2. Basics of Data Governance

- o Establishing data policies and standards.

3. Data Quality Management

- o Ensuring data accuracy and reliability.

4. Data Modeling

- o Creating efficient data models.

Stage 2: Advanced Data Management Tools

5. Advanced Data Architecture Techniques

- o Designing and managing complex data structures.

6. Data Warehousing

- o Storing and retrieving large data sets efficiently.

7. Big Data Technologies

- o Implementing Hadoop and Spark for large-scale data management.

8. Data Integration

- o Combining data from various sources.

Stage 3: Practical Applications

9. Data Cleaning and Preprocessing

- o Techniques for ensuring data quality and reliability.

10. Exploratory Data Analysis (EDA)

- o Analyzing data distributions, identifying patterns.

11. Advanced Data Governance Techniques

- o Implementing and managing data governance frameworks.

12. Business Intelligence Applications

- o Using data to drive decision making.

Stage 4: Capstone Project

13. Integration of Learned Skills

- o Apply tools and techniques to real-world data management problems.

14. Advanced Data Quality Management

- o Ensuring the highest levels of data accuracy and reliability.

15. Cloud Data Management

- o Utilizing cloud platforms for scalable data solutions.

16. Data Management for AI and ML

- o Supporting AI and ML applications with robust data management.



PROGRAM OUTLINE

Elective Modules

17. Data Ethics and Privacy

- o Ethical considerations, privacy laws, compliance strategies.

18. Predictive Analytics with Data Management

- o Building and validating predictive models.

19. AI for Data Management

- o Implementing AI solutions in data management.

20. Advanced Data Warehousing Techniques

- o Optimizing data warehousing solutions.

21. Data-Driven Decision Making

- o Using data to inform and drive business strategies.

22. Cloud Data Management Solutions

- o Deploying data management systems on cloud platforms.

23. Data Management Project Management

- o Leading data management projects, ensuring successful delivery

17. Big Data Security

- o Securing data in big data environments.

18. Data Management for IoT

- o Managing data generated by IoT devices.

Enrollment Now Open!

Take the first step towards becoming a certified master data management professional. Enroll in our **Certified Information Management Professional (CIMP) Master Data Management Program** and enhance your career with Chools.