





CERTIFIED HEALTH DATA ANALYST (CHDA)

RCTM **Ramaq Chools**
Consulting, Training & IT Services

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Introduction to Certified Health Data Analyst (CHDA)

This course is for health care professionals who work with data and information systems, such as acquiring, managing, analyzing, and transforming health care data into useful information. It is a training program that prepares individuals to work as professionals in the field of health data analytics. The course covers topics such as data management, data analysis, data reporting, and data governance. The course also prepares individuals to take the CHDA Exam, which is required to obtain the CHDA certification from the American Health Information Management Association (AHIMA). The course covers various topics related to data analytics, such as data quality, data visualization, data mining, and predictive analytics.

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WHY CHOOSE THIS PROGRAM?

Numbers That Speak for Themselves:

- **10,000+ Successful Alumni:** Join a network of impactful professionals.
- **95% Job Placement Rate:** Secure your future with our 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:

To become a CHDA, you need to meet one of the following eligibility requirements to sit for the certification exam offered by the American Health Information Management Association (AHIMA):

- You must hold an RHIT® or RHIA® credential; or
- You must have a bachelor's degree or higher degree from an accredited college or university.
- While not required, the following are recommended:
 - Minimum of 3 years of healthcare data experience
 - Experience in data acquisition, data analysis, data management, data interpretation and reporting, and data governance

CERTIFIED HEALTH DATA ANALYST (CHDA)



IDEAL CANDIDATES:

Working professionals looking to advance their careers in Certified Health Data Analyst (CHDA)

PROGRAM OVERVIEW

The Certified Health Data Analyst (CHDA) Health care and Pharmaceutical Program provides an extensive education in Certified Health Data Analyst (CHDA) . Our curriculum ensures a comprehensive 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.

CURRICULUM HIGHLIGHTS:

- **Fundamental Knowledge:** Core principles of Certified Health Data Analyst (CHDA) .
- **Advanced Techniques:** In-depth understanding of advanced 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 Certified Health Data Analyst (CHDA)



PROFESSIONAL DEVELOPMENT

- **Continuous Learning:** Stay updated with the latest trends and advancements in Certified Health Data Analyst (CHDA).
- **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.

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PROGRAM OBJECTIVES



- **Clinical Competence:** Develop advanced clinical skills and knowledge to provide high-quality patient care.
- **Pharmaceutical Knowledge:** Gain comprehensive understanding of pharmaceutical sciences, including drug development, pharmacokinetics, and pharmacodynamics.
- **Regulatory Compliance:** Understand and adhere to healthcare regulations and pharmaceutical standards.
- **Inter professional Collaboration:** Foster teamwork and collaboration with other healthcare professionals to improve patient outcomes.
- **Research and Innovation:** Encourage research and innovation in healthcare and pharmaceuticals to advance the field.
- **Ethical Practice:** Promote ethical practices and decision-making in healthcare and pharmaceuticals.
- **Leadership Skills:** Develop leadership skills to effectively manage healthcare and pharmaceutical teams.
- **Patient-Centered Care:** Focus on providing patient-centered care that respects and responds to individual patient needs and preferences.
- **Continuous Learning:** Encourage lifelong learning and professional development to stay current with industry advancements.



Expected Outcomes

- Proficiency in Certified Health Data Analyst (CHDA) tools and techniques.
- Practical experience through hands-on projects.
- Strong analytical and problem-solving skills.
- Application of ethical practices.
- Innovation in Certified Health Data Analyst (CHDA) solutions

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Skills Learned

1. Clinical Skills:

- **Patient Assessment:** Conducting thorough patient assessments to diagnose and treat medical conditions.

2. Pharmaceutical Knowledge:

- **Pharmacology:** Understanding how drugs work, including their mechanisms of action, side effects, and interactions.

3. Regulatory Compliance:

- **Healthcare Regulations:** Understanding and adhering to regulations governing healthcare practices and pharmaceuticals.

4. Patient-Centered Care:

- **Communication Skills:** Communicating effectively with patients and healthcare team members.

5. Interprofessional Collaboration:

- **Teamwork:** Working collaboratively with other healthcare professionals to deliver comprehensive care

6. Research and Innovation:

- **Research Methods:** Conducting and applying research to improve healthcare practices and pharmaceutical developments

Job Positions and Opportunities

Career Paths:

- Pharmacist
- Clinical Research Coordinator
- Medical Science Liaison
- Healthcare Administrator
- Pharmaceutical Sales Representative
- Regulatory Affairs Specialist
- Nurse Practitioner (NP)
- Biomedical Engineer



Key Industry Verticals

Skill Application Areas:

- Healthcare Providers
- Pharmaceuticals
- Medical Devices
- Healthcare IT
- Healthcare Services
- Healthcare Financing
- Life Sciences
- Regulatory Affairs.

Industry Demand:

High demand across various sectors, competitive salaries, and strong growth potential

PROGRAM OUTLINE



Stage 1: Fundamentals of Certified Health Data Analyst (CHDA)

1. **Assessing Needs:** Collaborate with colleagues to determine what information needs to be collected and identify stakeholders.
2. **Managing and Acquiring Data:** Identify data sources, collect data from those sources, and validate its accuracy.
3. **Analyzing Data:** Use statistical methods and data analysis techniques to extract meaningful insights from healthcare data.
4. **Interpreting and Reporting Data:** Transform data into accurate, consistent, and timely information to support decision-making.
5. **Governing Data:** Ensure data governance practices are followed to maintain data integrity and security

PROGRAM OUTLINE



Stage 2: Advanced Certified Health Data Analyst (CHDA)

1. **Health Data Analytics Expertise:** Demonstrates advanced skills in analyzing, interpreting, and managing health data to support data-driven decision-making in healthcare.
2. **Comprehensive Knowledge Areas:** Covers data governance, statistical analysis, data visualization, and reporting to improve healthcare operations and outcomes.
3. **Eligibility Requirements:** Requires a related degree, a health information credential (e.g., RHIA), or relevant work experience in healthcare data.
4. **Career Advancement:** Qualifies for roles like Health Data Analyst, Business Intelligence Analyst, or Clinical Data Manager in healthcare organizations.
5. **Certification Renewal:** Requires recertification every two years through continuing education (20 CEUs) to stay updated on emerging trends and technologies in health data analytics.



PROGRAM OUTLINE



Stage 3: Practical Applications

1. Patient Care and Management:

- **Medication Therapy Management (MTM):** Pharmacists optimize medication regimens to improve therapeutic outcomes and reduce adverse effects.

2. Clinical Practice:

- **Patient Counseling:** Educating patients on proper medication use, potential side effects, and lifestyle modifications to enhance health outcomes.

3. Pharmaceutical Research and Development:

- **Drug Discovery and Development:** Conducting research to discover new medications and develop existing ones

4. Healthcare Technology and Innovation:

- **Telemedicine:** Using telehealth platforms to provide remote consultations, follow-ups, and health monitoring



PROGRAM OUTLINE



Stage 4: Capstone Project

1. **Impact of Telemedicine on Patient Outcomes**

- Analyze the effectiveness of telemedicine in improving patient outcomes, especially for chronic disease management .

2. **Pharmaceutical Waste Management**

- Develop strategies to reduce pharmaceutical waste and its environmental impact.

3. **Medication Adherence in Elderly Patients**

- Investigate factors affecting medication adherence among elderly patients and develop interventions to improve adherence.

4. **Implementation of an Electronic Health Records (EHR) System**

- Assess the challenges and benefits of implementing an EHR system in a healthcare facility




ELECTIVE MODULES


- **Advanced Pharmacology:** Deep dive into the mechanisms of action, side effects, and interactions of various drugs.
- **Clinical Research Methods:** Learn about designing and conducting clinical trials, data analysis, and ethical considerations.
- **Health Informatics:** Study the use of information technology in healthcare, including electronic health records and data management.
- **Global Health:** Explore health issues and solutions in a global context, including international health policies and practices

ENROLLMENT NOW OPEN!

Take the first step towards becoming a certified Certified Health Data Analyst (CHDA) Professional. Enroll in our program and enhance your career.

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**Unlock the Power of Certified
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Us!**

