CLINIMODE
Enhancing Clinical Minds

Powered by

Smaatix
Enhance Digital Future

ADVANCE PROGRAM IN CLINICAL DATA MANAGEMENT

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OUR MISSION

To empower individuals with industry-relevant skills and knowledge through high-quality training programs. We strive to bridge the gap between education and industry demands, ensuring our learners gain hands-on experience, technical expertise, and career-ready competencies across various professional domains.

OUR VISION

To be a leading training provider, fostering a skilled workforce equipped with the latest industry standards and technologies. Our vision is to create a dynamic learning ecosystem that transforms aspiring professionals into industry experts, driving innovation, ensuring compliance, and promoting excellence in healthcare and IT.

Why Clinical Data Management?

The job outlook for Clinical Data Management (CDM) roles is highly promising, driven by the growing demand for efficient data handling in clinical research and healthcare. Key factors contributing to this positive trend include:

- **Industry Growth:**

  Add The life sciences and pharmaceutical industries are expanding, leading to an increased need for skilled CDM professionals.

- **Technological Advancements:**

  The adoption of AI, machine learning, and cloud-based solutions in clinical trials has created new opportunities for CDM experts.

- **Regulatory Compliance :**

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- **Diverse Career Paths :**

  Roles such as Clinical Data Manager, Data Analyst, and Biostatistician are in high demand, offering competitive salaries and growth potential.

- **Global Demand :**

  The need for CDM professionals is not limited to one region, making it a globally relevant career choice. Most of Pharma and Biotech companies are establishing their GCCs in India which improved ~ 15000+ jobs year-on-year

Clinical Data Management

Clinical data collection and analysis are the important steps in the clinical trial process for a clinical study. Precise data collection and standardization of the data yields accurate statistical results which are the base for the pharmaceutical and biotechnological companies to make the significant decisions on the clinical trial molecules. Similarly, the data report helps the regulatory bodies to provide the approvals. Clinical Data Managers in the CDM department plays a vital role in data collection through paper or EDC as per the protocol and make the sites understand on the data requirements and clean it to make the data error free and consistent to obtain the accurate statistical results.

- **Who are Eligible?**

- Graduates from Medical Background.
  MBBS, BAMS, BHMS, BDS, BUMS
- Graduates from Life Science Background.
  Pharm D/ M.Pharm/B.Pharm
  M.Sc. in Biochemistry/Biotechnology/Microbiology/Organic Chemistry/General Chemistry.
- Graduates from Computer Science Background
  B.sc/Msc Computer Science, Bioinformatics, Information Technology.
  B.Tech Biotechnology, Pharmaceutical Engineering.

- **Career Opportunities**

  Clinical research is a rapidly expanding field, creating exciting opportunities for well trained professionals. Graduates of this program are employed in both hospital sector and Research industries which can enhance them to be placed at management roles. CRAs work in a broad range of research fields, including:

  - Academic health centers.
  - Government agencies.
  - Contract research organizations.
  - Pharmaceutical and Biotechnological Companies.
  - Medical Firms

Clinical data management training curriculum

- **Introduction to Clinical Data Management:**
  - Overview of CDM and its importance in clinical research.
  - Roles and responsibilities of a clinical data manager.
- **Clinical Trial Process:**
  - Phases of clinical trials.
  - Data flow and management in clinical trials.
- **Data Collection and CRF Design:**
  - Designing Case Report Forms (CRFs).
  - Electronic Data Capture (EDC) systems.
- **Data Quality and Validation:**
  - Data cleaning and validation techniques.
  - Managing discrepancies and ensuring data integrity.
- **Database Management and Programming:**
  - Database design and setup.
  - Basics of SQL and SAS programming.
- **Regulatory Requirements and Compliance:**
  - Understanding FDA, EMA, and ICH guidelines.
  - Good Clinical Data Management Practices (GCDMP).
- **Data Analysis and Reporting:**
  - Statistical analysis techniques.
  - Generating reports and data visualization.
- **Hands-On Training:**
  - Practical exercises using real-world case studies.
  - Familiarity with industry-standard tools and software.

Clinical Data Management (CDM) offers a variety of career paths, catering to different skill sets and levels of expertise. Here are some key roles:

- **Clinical Data Coordinator(Entry-Level) :**
  - Responsibilities: Data entry, resolving discrepancies, and ensuring data accuracy.
  - Skills: Attention to detail, basic knowledge of data entry tools, and understanding clinical trial protocols.
- **Clinical Data Manager (Mid-Level) :**
  - Responsibilities: Overseeing data collection, designing data management plans, and ensuring regulatory compliance.
  - Skills: Proficiency in tools like Medidata, Rave or Oracle Clinical, eCRF design, and knowledge of ICH-GCP guidelines.
- **Clinical Data Scientist (Mid-Level to Senior-Level) :**
  - Responsibilities: Analyzing large datasets, applying statistical methods, and extracting insights from clinical trial data.
  - Skills: Expertise in SAS, R, or Python, and familiarity with CDISC standards.
- **Data Quality Lead (Senior-Level) :**
  - Responsibilities: Ensuring data quality and compliance with industry standards.
  - Skills: Strong knowledge of regulatory guidelines and quality assurance practices.

- **Database Programmer/Developer :**
  - Responsibilities: Designing and maintaining clinical trial databases.
  - Skills: Proficiency in SQL, database design, and programming.
- **Clinical Data Analyst:**
  - Responsibilities: Interpreting clinical data to assess the efficacy and safety of treatments.
  - Skills: Data analysis, data visualization, and regulatory submission expertise.

  Each role offers opportunities for growth and specialization. Let me know if you'd like to explore any of these paths in more detail!

- **Expert Faculty And Mentors:**

  Our mentors bring over three decades of combined experience in healthcare, pharmaceuticals, and research. At Clinimode Research Institute, our experienced mentors provide industry-focused training to ensure you excel and stand out during placement opportunities.

The global clinical trials market, valued at USD 60.76 billion in 2024 is expected to reach USD 69.3 billion by 2028.

Program Details:

- Batch Starts: Admissions Open
- Course Level: Advanced With hands-on projects
- Tools Used: ClinOptima, a proprietary clinical suit
- Venue: Class room sessions
- 100% Placement Assistance

- **IN ADDITION WE DO OFFER COURSES FOR:**
- **NON TECHNICAL MODULES**
  - Soft Skills
  - Corporate Etiquette
  - Interview Preparation
  - Linkedin Session
  - Additional Resources
- **TECHNICAL MODULES**
  - Clinical Data Management (CDM)
  - Medical Coding

Dual Course Offer

Double the Expertise in 6 Months !

Advance Program in Clinical Data Management

+

Medical Coding

Advance Program in Clinical Data Management + Medical Coding

Learn to transform data into documents with quality assurance, regulatory compliance, and accurate billing & reimbursement.

CAREER OPPORTUNITIES WITH TOP EMPLOYERS

Empowering Your Path: connecting You with Future Employers for a Bright Career!

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LET’S CONNECT WITH US :

THANK YOU

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