



INFORMATION BROCHURE CERTIFICATE COURSE ON CLINICAL DATA MANAGEMENT & STATISTICS



ONLINE



Course name : Certificate Course on Clinical Data Management (CDM) & Statistics

The Certificate Course on Clinical Data Management (CDM) has been structured by industry professionals to provide comprehensive coverage of the clinical data lifecycle and its functional areas. With the growing demand for accurate data in clinical research, this course promises an in-depth understanding of clinical data management processes, from data collection to validation and reporting, ensuring participants are well-equipped to meet industry standards.

The clinical data management industry is expanding rapidly, driven by the increasing complexity of clinical trials and the need for data-driven decision-making. It's a dynamic and recession-proof field where professionally trained individuals have the opportunity to thrive. At Pharmatrendz, our goal is to prepare aspiring clinical data managers with the knowledge, skills, and expertise needed to succeed in this fast-moving sector of the healthcare industry.

Eligibility

Any Graduation/ B.tech/ B.Sc. in Microbiology/ Life Sciences/ Botany/ Zoology/ Food Science/ Food Technology/ BE/ B.Pharma/ MBBS/ BDS/ BHMS/ BUMS/ BAMS or any other discipline. Diploma holders are eligible for our Executive Diploma, Industry Certificate, and Certificate Programmes.

Course fee : 30000

Duration : 4 months

Mode : Online

Days of Classes –

- Batch 1- Mon, Wed, Fri
- Batch 2 – Tue, Thu, Sat
- Weekend Batch – Sat & Sun

Subjects to be covered

- **Module 1** : Basic Terminologies
- **Module 2** : Introduction To Clinical Research
- **Module 3** : Introduction To Clinical Data Management
- **Module 4** : Guiding Principles And Regulations Associated With CDM
- **Module 5** : Standard Operating Procedure
- **Module 6** : Data Management Plan
- **Module 7** : CRF Design
- **Module 8** : Database Validation, Programming And Standards
- **Module 9** : Electronic Data Capture
- **Module 10** : Data Privacy And Entry
- **Module 11** : Managing Lab Data And Collecting Adverse Event Data
- **Module 12** : Medical Coding
- **Module 13** : Reconciliation
- **Module 14** : Creating Report And Transferring Data
- **Module 15** : Quality Management Of Clinical Data
- **Module 16** : Locking Studies
- **Module 17** : Migrating And Archiving Of Data
- **Module 18** : Role And Responsibilities In Clinical Data Management
- **Module 19** : R Programming – Basics
- **Module 20** : Data Harmonization
- **Module 21** :Graphics
- **Module 22** :Statistical Analysis
- **Module 23** :Probability
- **Module 24** :Statistical Inference
- **Module 25** :Statistical Modelling

Course Deliverables

- Comprehensive study material for all modules, provided in hard copies, designed to meet industry expectations.
- Continuous evaluation and guidance through module-wise assignments.
- Flexible online or interactive live sessions covering key aspects of clinical data management.
- Weekend online classes, with dedicated doubt-clearing sessions before assessments.
- Expert faculty ensure all course content is easily understandable and relevant to industry needs.
- Rigorous assessments and evaluations aimed at enhancing skills and competencies for job applications.
- Participant feedback collected at the end of each module to continuously improve learning.
- All sessions conducted in English.

Examination & Certification

To successfully complete the course, participants must pass all assessments, which include module-specific assignments and a final online exam. After successful completion, participants will be awarded a certificate from Pharmatrendz. Both online and face-to-face learning modes are available, with comprehensive course materials provided for all modules.

Career with Placement Assistance

Pharmatrendz offers dedicated placement assistance through partnerships with various organizations. Our placement cell, comprising senior HR professionals and talent acquisition experts, works closely with industry leaders to promote the employability of our participants. This cell actively connects participants with potential employers, helping them secure positions in the clinical data management sector.

Future career prospects of Training in Clinical Data Management (CDM)

Professional training in clinical data management opens up diverse career opportunities in the clinical research and pharmaceutical industries. A certification in CDM not only provides an advantage for those already in the field but also offers newcomers a solid foundation for entering the industry. This course covers essential areas such as data collection, database design, validation, quality assurance, and reporting.

Upon completing the course, participants can explore varied roles in data management, regulatory submissions, clinical trials, quality control, and more. The course is also beneficial for professionals looking to transition to different departments within their current organizations, particularly in areas like regulatory affairs, clinical trials, or post-marketing surveillance.



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