



In association with  
**Anderson**

# Clinical Research & Data Management Mastery Course with SAS Programming



**Transform your Career in Clinical Research with Industry Leading SAS Certification**

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# Why SAS?

## SAS Programming for Clinical Trials: Where Medical Science Meets Data Analytics

SAS remains the gold standard software for pharmaceutical companies and CROs (Contract Research Organizations)

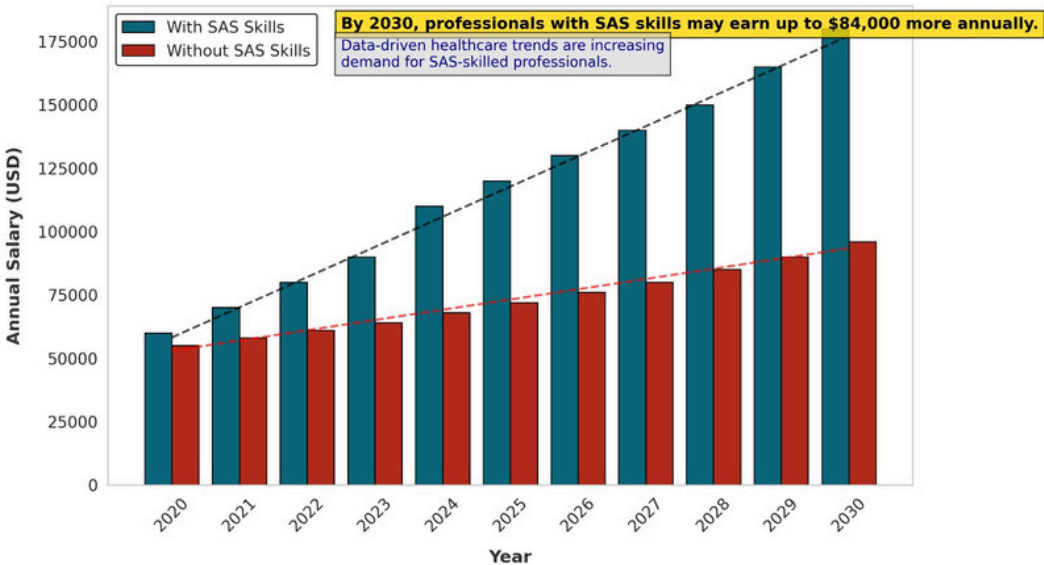
FDA and other regulatory bodies prefer SAS outputs for submission of clinical trial results

SAS certification is often explicitly requested in job descriptions

Clear career progression path from programmer to senior roles

Consistent high demand for SAS programmers in clinical research

**Future Salary Trends: Clinical Research Professionals (2020-2030)**



Source: Data compiled from Bureau of Labor Statistics and Industry Reports, 2020-2030.

# SAS Clinical Trial Data Analytics

Experience the Complete Academic Journey with access to **Industry-Standard** software, detailed course materials, hands-on exercises, domain-specific content, and guidance for SAS Global Certification exams. Learn from highly **Experienced Trainers** who blend theory with practical, real-world projects to help you build a strong foundation in clinical research and data analysis. This unique combination of coursework and hands-on learning equips you with the skills to unlock **Exciting Career Opportunities**.



**Join the Elite League of  
Clinical SAS Programmers  
and Earn Competitive Salary Packages**

# Course Highlights

- Affordable Course Fees  
Installment Facility available
- 2 Months Internship on Live Project (With Stipend)
- Online Mode  
Flexible Class Timings
- Training & Mentoring by Industry Experts
- Batch starting from 17th April 2025
- Personality Building & CV Building
- Assistance for SAS Global Certification Exam
- High Industry Demand in Health care

## WHY CHOOSE SHRM?

What traditional courses can't offer, we deliver with excellence

### Traditional SAS Training

- ❌ Basic theoretical knowledge only
- ❌ No industry exposure
- ❌ Limited practical assignments
- ❌ No internship guarantee
- ❌ Basic certification only
- ❌ Limited career support
- ❌ 6+ months duration

### The SHRM Advantage

- ✅ Industry-ready curriculum
- ✅ 2 months internship opportunity
- ✅ Real clinical research projects
- ✅ Global certification preparation
- ✅ 100% placement assistance
- ✅ Direct industry networking
- ✅ Fast-track 2-month program

[Apply Now](#)

# Key Learnings

SAS (Statistical Analysis System) stands as the cornerstone of clinical research data analysis, serving as the industry-standard platform for managing and analyzing Clinical Trial Data.

**Importance of SAS Programming in Clinical Trials:** SAS plays a Pivotal role in ensuring the Integrity and Reliability of Clinical Trial Results. Its standardized programming environment facilitates regulatory compliance while providing powerful tools for Data Manipulation, Statistical Analysis, and Reporting. Clinical trials rely on SAS for:

- Ensuring data quality and consistency across multiple study sites
- Creating standardized datasets that comply with FDA and CDISC requirements
- Generating accurate statistical analyses for safety and efficacy assessments
- Producing submission-ready documentation for regulatory review
- Maintaining audit trails and data transparency throughout the trial lifecycle

## Be Among the Top 10% of Clinical Data Scientists



Source: Bureau of Labor Statistics. (2023). "Occupational Outlook Handbook."

# What you can Expect to Learn?

## Practical Projects with Real-World Data

Gain valuable experience by applying your skills to real-world scenarios, helping you learn through hands-on practice.

## Your Path to Certification

Our courses prepare you to achieve an industry-recognized credential, boosting your professional credibility.

## Course Duration

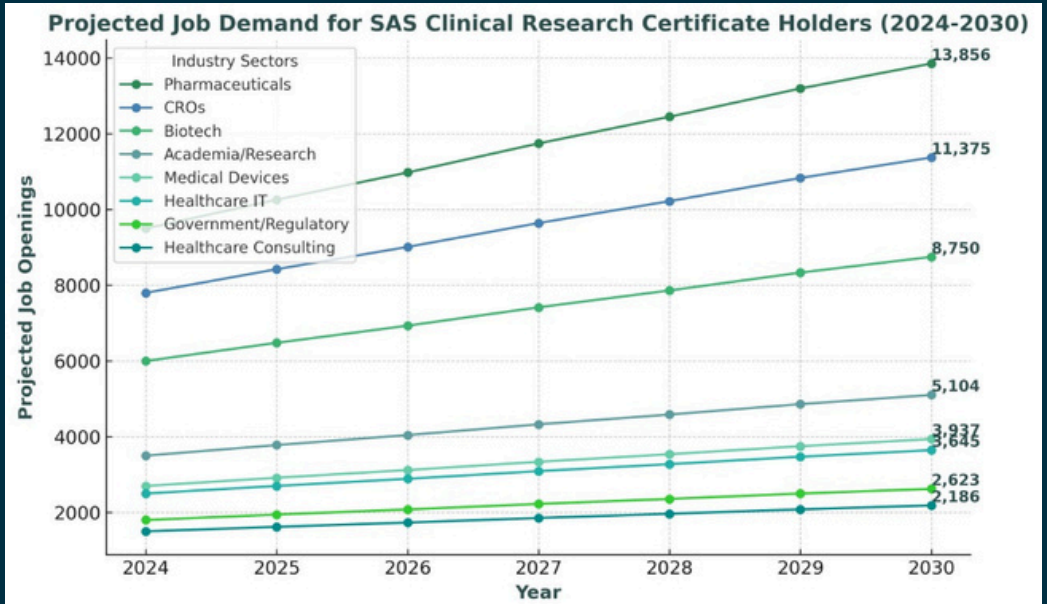
4 Months Course Work

2 Months Internship  
on Live Project

**Total Duration : 6 Months**

This course is designed for individuals with degrees in **Pharmacy, Life Sciences, Biostatistics, Microbiology, Bioinformatics, Economics, Statistics, Biotechnology, Biochemistry, Biology**, and other related life sciences disciplines. It is also suitable for working professionals in fields such as Pharmacovigilance, Medical Coding, Clinical Research Organization (CRO) professionals, Healthcare, Medical doctors, and similar areas.

# Fueling your Growth, Shaping the Future of Industry



Source: Data aggregated from ACRP Industry Reports, BLS Occupational Outlook 2024, and SAS Global Certification Survey 2024-2030  
 Based on analysis of 37,500+ job postings requiring SAS skills across clinical research-related positions in North America  
 Growth figures represent year-over-year increase in job postings from 2024-2030  
 Projections generated with the help of AI

CISION

## SAS expands portfolio of data and AI solutions for life sciences and health care

Cleveland Clinic

April 21, 2020 / News Releases

## Cleveland Clinic and SAS share COVID-19 predictive models to help hospitals plan for current and future needs





# Knowledge Partner

## Handson School of Data Science

Handson is an open, connected online learning platform allows information to flow freely among everyone. This platform developed with a purpose to explore finest courses, to choose the right course for you and to learn and get recognition by top Universities, Institutes and training providers in one place from virtually anywhere.



### We Believe

- “You Must Be The Change You Wish To See In The World.”
- Our Services Should Be Available To Everybody, Irrespective Of Whether They Can Afford It.
- We Aspire To Do No Harm And Benefit All.
- We Are Always Dependent On Each Other And Thus We Are Responsible For Each Other And Future Generations.

# Course Curriculum

## 1. Foundations of Clinical Research

1 Month (18 hours)

- Lesson 1: Getting Started with Clinical Research
- Lesson 2: Navigating Clinical Research Regulations
- Lesson 3: Crafting a Clinical Trial Protocol

## 2. Core Programming Concepts for Base

1 Month (18 hours)

- Lesson 1 :An Overview of the SAS System
- Lesson 2 : Getting Started With the SAS® System
- Lesson 3 : Getting familiar with the SAS Data Sets
- Lesson 4 :Producing List Report
- Lesson5 :Enhancing Output
- Lesson 6: Creating SAS® Data Sets
- Lesson 7:Data Step Programming
- Lesson 8:Combining SAS Data Sets
- Lesson 9 : Producing Summary Reports
- Lesson 10 :Introduction to Graphics
- Lesson 11:Introduction to Data Step Manipulation
- Lesson 12: Controlling Input and Output
- Lesson 13:Summarizing Data
- Lesson 14:Reading & Writing Different Types of Data
- Lesson 15 :Data Transformations
- Lesson 16 :Processing Data Iteratively
- Lesson 17:Combining SAS® Data Sets

### **3. Advance SAS :SQL : Essentials & SAS Macros**

2 Month (36 hours)

- Lesson 1: Introduction to the SQL Procedure
- Lesson 2: Retrieving Data from a Single Table
- Lesson 3: Retrieving Data from Multiple Tables
- Lesson 4: SAS Macros

### **4. Development of Soft Skills**

Throughout

- Lesson 1: Develop effective communication strategies for technical concepts
- Lesson 2: Build collaboration skills for cross-functional teams
- Lesson 3: Enhance problem-solving approaches beyond coding
- Lesson 4: Strengthen project management capabilities
- Lesson 5: Improve client/stakeholder relationship management

### **5. Artificial Intelligence & Clinical Research**

Throughout

- Lesson 1 : Generative AI : Essentials
- Lesson 2: Prompt Engineering

### **6. Assessment & Internship**

2 Months

- 2 Months Internship (Online, Offline or Hybrid)
- Assessment
- Career Support & Placement Assistance

# Admission Details

Step 1:

**Online  
Application**

Step 2:

**Profiling**

Step 3:

**1-1  
Interview**

Step 4:

**Admission**

## Eligibility Criteria

Eligible candidates include students and professionals from the following backgrounds:

- B.Pharma, M.Pharma, D.Pharma
- B.Sc., M.Sc. (Life Science)
- Biostatistics, Statistics, Economics
- Working professionals in relevant fields

**Flexible payment plans make  
learning accessible**

## Course Fees\*

**INR 69000**  
**(for Indian Students)**

**\$850**  
**(for International  
Students)**

*\*Inclusive of all Taxes*

Scan here to register!



# Certification

Upon finishing the course, you'll receive a Course completion certificate jointly awarded by SHRM Biotechnologies Pvt. Ltd. and Handson Systems.





“

In today's data-driven healthcare landscape, professionals who can navigate and interpret complex clinical data are not just valued—they're essential. Our program bridges the gap between your academic knowledge and the practical skills demanded by leading pharmaceutical companies and research organizations. Your journey into clinical research excellence begins with a decision today that will redefine your professional future. Join us, and become the expert the industry is actively seeking.

~ Mr. Kunal Vora

CEO & Director, SHRM Biotechnologies Pvt Ltd

“

With SAS expertise, you'll unlock opportunities that extend beyond traditional roles, commanding higher salaries and accelerated career growth. This isn't just about learning software; it's about positioning yourself at the intersection of technology and medical advancement, where you'll help shape treatments that impact countless lives. ”



~ Mr. Kabindra Kundu

Executive Director of Hands-On Systems Private Limited

# YOUR FUTURE STARTS HERE



# Alumni Testimonials

Very supportive and helpful teaching faculty who are readily available to clear any doubts that you might have. Sir has helped me a lot with the SAS global certification.  
~Shaoni Sardar

I cracked the global certification in SAS. First and foremost, I would like to express my gratitude to sir for his exceptional training in SAS.  
~Nireesha Manigandan



**Pallavi Bansod**

Clinical Trial Data Analysis



Best institute for SAS. I am learning clinical SAS here and the teacher is very nice. Explaining every small thing and clearing doubts.



**Abhishek Parte**

Clinical Trial Data Analysis



Best Academy for Clinical SAS.



**Ritam Karmakar**

Data Science



Very Good place for pursuing Data Science. Faculty members are very friendly. I learned a lot about python from our Faculty. It's been 1 month after python started...



**Radhika Kashmirkar**

Clinical Trial Data Analysis



Nice platform to learn Clinical SAS..Avinaba Sir teaches very nicely...



**Saikat Kundu**

Data Science & Analytics



I would recommend you all, if you are willing to build a career in Data Science, Machine Learning, AI and SAS, then this is the right place for you...

I had a great learning experience with practical classes along with detailed study materials. Faculties are very cooperative throughout the learning session.

~Dr. Akshay Tank



**Priyanka Jaiswal**

Clinical Trial Data Analysis



Good experience in terms of teaching and making a naive person aware of the course. Thank you.



# CAREER DESTINATIONS: OUR ALUMNI NETWORK



**Architakamal Mitra**  
Manager  
EY LS Consulting



**Sayali Malakolikar**  
Investigator Support Assistant  
Labcorp Drug Development



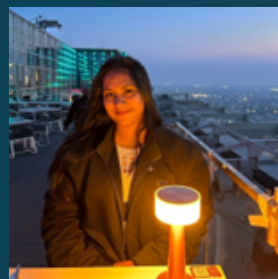
**Lokesh Kumar Pasayat**  
Biocon limited



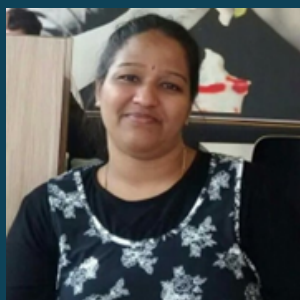
**Dr. Ajinkya Kothavale**  
Pharma International Institute  
for Population Sciences



**Srishti Chakraborty**  
Dr Reddy's Lab



**Sahana Sengupta**  
Data Quality Analyst,  
Biocuration



**Vithya Manoharan**  
Experimental Drug Development  
Centre, Singapore



**Arvind C**  
Pfizer  
USA



**Imad Adamestam**  
Clinical Trials Statistician  
Scotland

**Your future in clinical research  
begins with the decision you  
make today**

**#Limited Seats**

**Time wasted is opportunity lost**

**Accelerate Your Clinical Career Now!!**

**Be the professional  
who turns complex  
clinical data into clear  
medical decisions**

**Clinical trials need your  
analytical expertise – seize this  
opportunity today**




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