



COURSE SYLLABUS & FEES · 2026

Certificate Course in Statistical Analysis Software (SAS) in Pune

3-month Certificate Course in Statistical Analysis Software (SAS) in Pune at iLearn CRI: Base SAS, data step and PROC steps, SAS macros, CDISC SDTM and ADaM, and TLF generation. ₹40,000 + GST (EMI available). Offline & online batches with direct placement support.

DURATION	MODE	FEES	EMI
3 months	Live online & classroom (Pune)	₹40,000 + 18% GST	Available

Eligibility

B.Pharm or M.Pharm graduates
B.Sc / M.Sc in Statistics, Life Sciences, Bioinformatics, or Mathematics
B.Tech / BCA / MCA graduates
Biostatistics or Clinical Data Management aspirants

Complete syllabus, module by module

01 Foundations of Base SAS Programming

The SAS programming environment, libraries, and dataset structure
Reading and importing clinical data from Excel, CSV, and databases
The SAS DATA step: reading, creating, and transforming datasets
SAS functions, formats, informats, and conditional logic

02 Data Manipulation & PROC Steps

Sorting, merging, and concatenating clinical datasets
PROC SQL for querying and joining trial data
PROC TRANSPOSE, PROC FORMAT, and restructuring datasets
Handling missing values, duplicates, and data cleaning in SAS

03 SAS Macros & Automation

Macro variables, macro programs, and parameter passing
%DO loops, %IF conditions, and iterative macro logic
Building reusable macros for repetitive clinical programming tasks
Debugging macros with the SAS log and system options

04 CDISC Standards — SDTM & ADaM

The CDISC framework and why sponsors mandate it
SDTM domain structure, variables, and mapping raw data
ADaM datasets (ADSL, BDS, OCCDS) and derivation logic
Define.xml, controlled terminology, and compliance checks

05 Statistical Procedures & TLF Generation

Descriptive statistics with PROC FREQ and PROC MEANS
Inferential testing with PROC TTEST and PROC GLM
Generating Tables, Listings, and Figures (TLFs) for CSRs
PROC REPORT and ODS for regulatory-ready output

06 Validation, QC & Career Readiness

Double programming and independent QC of SAS output
Log review, validation documentation, and audit readiness
Clinical SAS resume building and mock interviews
Career pathways into statistical programming and biostatistics teams

Career outcomes

ROLE	AVERAGE CTC
Clinical SAS Programmer	₹ 4.0–5.5 LPA
Statistical Programmer	₹ 4.5–6.5 LPA
Clinical Data Programmer	₹ 3.8–5.0 LPA
Biostatistics Programmer	₹ 5.0–7.0 LPA
Senior SAS Programmer (3–5 yrs)	₹ 8.0–12.0 LPA
Lead Statistical Programmer	₹ 14.0–20.0 LPA

Placement support built in

100% placement assistance for every student: resume calibration, mock interviews with practicing professionals, and direct introductions to 50+ pharma & CRO hiring partners. Average starting CTC across placements: ₹4.2L. Separate live online and classroom batches — same curriculum, same fees, same support.

Apply / ask a question: WhatsApp +91 80559 86767 · info@ilearncri.com · ilearncri.com/admissions/