

SAMBODHI

sas
THE POWER TO KNOW.



Data Science Using SAS

Project Based Immersive Learning Course

Course Overview?

Education Nest's certification course for SAS Programmer will equip you with the expertise to perform data analytics using the SAS programming. The SAS training program is designed to provide participants with the necessary skills and knowledge to become proficient in SAS programming and analytics. The program covers a wide range of topics related to SAS programming and analytics. During the training, participants will learn to write SAS code to solve real-world problems and perform data analysis using SAS. They will also learn to use SAS to work with datasets, perform advanced statistical techniques, and visualize data using graphs and charts. The training program is suitable for individuals with varying levels of experience, from beginners to advanced users. Participants will receive hands-on training, practical exercises, and real-world projects .

Benefits of SAS Programming Course :

The job growth for SAS programmers is expected to be steady in the coming years. According to the U.S. Bureau of Labor Statistics, the employment of computer and information research scientists, which includes SAS programmers, is projected to grow 15% from 2020 to 2030, which is much faster than the average for all occupations. In Addition a report by IBM predicts that the number of jobs in data science and analytics will grow by 15% to 2.7 million in the United States alone by 2020. Therefore, it is an opportune time to pursue a career in SAS Programming. Education Nest offers a comprehensive SAS Programming training course, designed to teach learners the foundational concepts from scratch.

Who should learn:

- Freshers
- Data Analysts
- Business Analysts
- Researchers
- IT professionals
- Data Professionals

Why do you need SAS Programming Training Course?

Average Salary Growth:

According to PayScale, the average salary of a SAS programmer in the United States is around \$75,000 per year. The salary can range from \$52,000 to \$114,000 per year, depending on factors such as experience, location, and industry. Furthermore, according to the U.S. Bureau of Labor Statistics, the median annual wage for computer and information research scientists, which includes SAS programmers, was \$126,830 as of May 2020. The highest 10% earned more than \$195,230, and the lowest 10% earned less than \$72,040.

Industries:

SAS programmers are in high demand in various industries that rely on data analysis and management. Here are some examples of industries that use SAS programmers are healthcare, finance, marketing and advertising, retail and government. These are just a few examples of the many industries that use SAS programming. SAS skills are highly valued in these industries, making SAS programmers a valuable asset to any organization.

Position in Market:

According to data from the job search website such as Indeed, Glassdoor, and LinkedIn are great resources for finding current job listings for SAS programmer positions. These job listings can provide insight into the job responsibilities, required skills, and salary range for SAS programmer positions in the current job market.

Designations:

- SAS Programmer
- Data Analyst
- Data Scientist
- Statistical Programmer
- Clinical Data Manager
- Business Analyst
- Data Science Consultant
- Statistical Analyst

Why SAS Programming Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- SAS Studio
- Data Manipulation
- Statistical Analysis
- Data Visualization
- SAS Programs
- Macro Programming

SAS Programming Course Syllabus

Introduction to SAS Programming:

- SAS foundation
- SAS programs
- Accessing SAS Data
- Producing Detail Reports
- Formatting Data Values
- SAS Data Sets
- Spreadsheet and Database
- Raw Data Files
- Manipulating Data
- Combining SAS Data Sets
- Creating Summary Reports

Data Manipulation Techniques using SAS

- SAS Foundation

- Import and Export Data
- Summarizing Data
- Reading Raw Data Files
- Data Transformation
- Debugging Techniques
- Processing Data Iteratively
- Restructuring a Data Set
- Combining SAS Data Sets

SQL in SAS

- Introduction to SAS SQL
- Basic Queries
- Displaying Query Results
- Sorting Data
- SQL Joins and Unions
- Subqueries
- Set Operators
- Creating Tables
- SQL Merge Statement
- Advanced PROC SQL Features

Working with SAS Macro

- Introduction to Macros
- What is SAS Macro?
- Benefits of using SAS Macros
- SAS Macro Variables
- Macro Definitions

- DATA Step and SQL Interfaces
- Macro Programs

Advanced Techniques and Efficiencies

- An Overview
- Maximizing SAS Programming Efficiency
- Managing I/O Processing and Memory Usage
- Retrieving Observations
- Working with Arrays in the DATA Step
- Exploring the Benefits of Hash and Hiter Objects in the DATA Step
- Merging Data Horizontally
- Customizing SAS Programming with User-Defined Functions and Formats

Career Support

Profile Building :

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation :

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals :

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support :

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.