SAS Programming 1 - Essentials

Category: Software Development & Programming | **Vendor:** SAS

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	SAS Certified Specialist: Base Programming Using SAS 9.4

Course Overview

This course is for users who want to learn how to write SAS programs to access, explore, prepare, and analyze data. It is the entry point to learning SAS programming for data science, machine learning, and artificial intelligence.

About This Course

This course is for users who want to learn how to write SAS programs to access, explore, prepare, and analyze data. It is the entry point to learning SAS programming for data science, machine learning, and artificial intelligence.

Who Should Attend

Anyone starting to write SAS programs

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Use SAS Studio and SAS Enterprise Guide to write and submit SAS programs.

Access SAS, Microsoft Excel, and text data.

Explore and validate data.

Prepare data by subsetting rows and computing new columns.

Analyze and report on data.

Export data and results to Excel, PDF, and other formats.

Use SQL in SAS to query and join tables.

Detailed Course Outline

Essentials

- The SAS programming process.
- Using SAS programming tools.
- Understanding SAS syntax.

Accessing Data

- Understanding SAS data.
- Accessing data through libraries.
- Importing data into SAS.

Exploring and Validating Data

- Exploring data.
- Filtering rows.
- Formatting columns.
- Sorting data and removing duplicates.

Preparing Data

- Reading and filtering data.
- Computing new columns.
- Conditional processing.

Analyzing and Reporting on Data

- Enhancing reports with titles, footnotes, and labels.
- Creating frequency reports.
- Creating summary statistics reports.

Exporting Results

- Exporting data.
- Exporting reports.

Using SQL in SAS

- Using Structured Query Language in SAS.
- Joining tables using SQL in SAS.

Additional Course Details

Nexus Humans SAS Programming 1 - Essentials training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the SAS Programming 1 - Essentials course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for SAS Programming 1 - Essentials?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The SAS Programming 1 - Essentials course helps prepare you for the SAS Certified Specialist: Base Programming Using SAS 9.4 certification path.

Q: How many CPD hours does this course provide?

The 3-day SAS Programming 1 - Essentials course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SAS Programming 1 - Essentials training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SAS Programming 1 - Essentials?

Yes, we provide corporate training, dedicated training, and closed classes for SAS Programming 1 - Essentials. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for SAS Programming 1 - Essentials?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SAS Programming 1 - Essentials training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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