

2018 Learn SAS®

An Overview





How to Use This Course Guide

SAS is the recipient of countless best workplace awards for giving back, for women, for millennials, for tech workers and more. Why? Because our culture fosters creativity and innovation for our employees, which translates into amazing products and assets for our customers.

With customers in 160 countries, we make it our business to ensure SAS software is used to its fullest potential. Lifelong learning is something we believe in and want to share with the world. From training and books to certification, we have what you need – when you need it.

This guide is designed to be used by **individuals** who want to develop a plan for their professional development – and **managers** of teams ready to grow employee skill sets and build a strong, self-sufficient SAS users community.

Inside, you'll find three sections:

Individuals: Train for Your Future – course information to map your personal training plan for 2018-2019.

Training Path: Notes and Reminders – blank notepaper to document your training plan.

Managers: Train Your Team – flip the brochure over to find an executive overview of SAS training resources and buying opportunities for teams and organizations.



Individuals: Train for Your Future

SAS training services are here to help you achieve your career goals. In addition to free resources to get you started, you'll find reference books, globally recognized certifications to prove your skills to managers and employers, and an incredibly diverse set of training courses available online and in classrooms. And we now offer digital badging to share your accomplishments.



Get Started With Free Resources

Free SAS how-to tutorials: Access them whenever and wherever you need them, right on your mobile device.

Free e-learning: Use them to get grounded in the basics of SAS programming, statistics, platform administration and SAS® Viya® enablement.

SAS University Edition: A free bundle of software that includes the same world-class analytics software used by more than 83,000 business, government and university sites around the world.

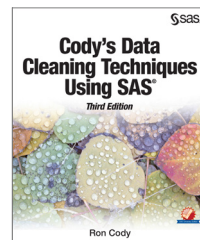
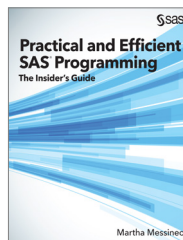
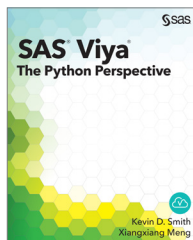
Ask the Expert webinars: These webinars cover a wide range of SAS topics and can be viewed two ways: live and on demand.

Visit sas.com/training/getstarted

Books Published by SAS

SAS publications are the perfect addition to your library and help augment SAS training. And we're global! Our e-books are available in all formats – Kindle, Apple and PDF – to over 16 currencies.

Visit sas.com/books



Get SAS® Certified – and See Your Career Take Off

Through the SAS Global Certification program, you can get credentials that validate your SAS skills in:

Programming

Analytics

Administration

Data management

Enterprise business intelligence

JMP® (coming in 2018!)

Join one of our elite academies for intensive study in the pharma or data science fields:

SAS Academy for Clinical Programming

SAS Academy for Data Science

SAS credentials are job-role focused, so you can start adding value immediately. You'll find that your investment pays off – big time.

Visit sas.com/certify



According to a Money and Payscale.com study, **SAS Analytics skills are the most valuable in today's job market.** An October 2017 training survey echoes that sentiment – **49% of respondents plan to become SAS certified in the next 12 months.**

Are you ready to join them?



Be One of the SAS® Elite

SAS® Academy for Clinical Programming

SAS and Epoch Research Institute provide in-depth training and practical hands-on learning to prepare you for work in clinical research theory and data analysis in the pharmaceutical industry.

- **SAS Clinical Programming Fundamentals** prepares you to take the SAS Base Programming certification exam.
- **Applied Clinical Data Analysis and Reporting** is a practical study of clinical research theory and data analysis.
- Combine it all to become a **SAS Certified Clinical Trials Programmer**.

Learn more at sas.com/academy-clinical-programming

SAS® Academy for Data Science

Everything you need to become a hiring manager's ideal candidate: comprehensive training by SAS experts, hands-on learning and multiple certification credentials to earn. Choose between a collaborative classroom experience, 12-month e-learning license or monthly e-learning subscription.

- **Big data** coursework that focuses on data quality and visual data exploration.
- **Advanced analytics** coursework that brings life to analytical modeling, machine learning and optimization.
- Learn it all to become a **SAS Certified Data Scientist**.

Visit sas.com/academy-data-science – and get started with a free trial!



Pick Your Path: SAS® Learning Paths

Ready to plan out your future? Use the next few pages as a guide to our course catalog.

Check out all SAS training at support.sas.com/paths

SAS® Foundation Tools

Providing strength and integration for SAS products and solutions.

SAS® Programming

Base SAS software serves as the basis for an easy-to-learn, flexible programming language.

SAS® Grid Manager

Maximize availability and processing for your analytics environment.

SAS® Enterprise Guide®

The power of SAS in a point-and-click Windows interface.





SAS® Advanced Analytics

Where power meets purpose.

Statistical Analysis

Statistically analyze and interpret data with SAS programs, SAS Studio or SAS Enterprise Guide.

Data Science

Tackle your business data creatively using SAS Analytics.

Forecasting and Econometrics

Use your data to develop models and confidently plan the future of your business.

Data Mining

Use SAS® Enterprise Miner™ or write code to develop predictive models.

Predictive Analytics and Machine Learning

Discover the associations between inputs and outputs using data and analytics. This path includes technologies across the SAS Platform.

Text Analytics

Evaluate unstructured data with SAS Text Miner.

Optimization and Simulation

Model the best solutions using real-world problems.

JMP® Statistical Analytics

See how the most interactive visual statistics package reveals the full potential of your data.

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Artificial Intelligence and Machine Learning: Why It Matters

Today's machines are constantly learning from experience and are being pushed to perform like humans. Artificial intelligence (AI) can use this technology to accomplish a myriad of tasks by not only processing copious amounts of data, but learning from the structure and regularities in that data. Coupling AI and machine learning with humans who understand the process creates a competitive advantage in a competitive industry.

SAS Education offers training that uses SAS technologies to train supervised and unsupervised machine learning models on structured and unstructured data of any size. Data scientists work together in all languages through integration of SAS and open source algorithms, model and pipeline comparison, and champion deployment. Don't just score cases in real time; learn from streaming input data for continuously improving predictions.



SAS® Viya®

Conquer any analytical challenge, from experimental to mission critical.

Getting Started

Administration

Data Management

Programming and Analytics

SAS Visual Analytics on SAS Viya

SAS Solutions

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SAS Viya is an underlying foundation for a host of solutions that take advantage of this cloud-enabled extension of the SAS Platform. Most offerings include a coding interface as well as an intuitive, visual interface. Using this coding interface, data scientists, business analysts, developers and executives alike can extend the SAS Platform to collaborate and realize innovative results faster.

Learn more at sas.com/viya

Business Intelligence and Analytics

Powerful insights – at your fingertips.

SAS® Office Analytics

Leverage the power of SAS Analytics from familiar Microsoft Office applications.

SAS® Visual Analytics

Visually access and explore any size data.

SAS® Enterprise Business Intelligence

Create reports and analyses with the BI capabilities of the SAS Platform.

SAS® Data Management

Better data sets the stage for better business.

SAS® Data Integration

Collect and manage your data stores using SAS Data Integration Studio.

SAS® Data Quality

Achieve better, cleaner data – regardless of volume.

SAS® Administration

Anticipate the impact of your decisions.

SAS® Platform

Install, configure and maintain the SAS Platform.

SAS® Solutions

Once you master the technology of SAS, you are ready for the SAS solutions architecture that covers:

Customer Intelligence

Fraud and Security Intelligence

Risk Management

Integrated Merchandise Planning

Health and Life Sciences

Supply Chain Intelligence

Performance Management

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SAS Learn Badges: Share your achievements

Your professional skills tell a unique story about you. SAS Learn badges illustrate and verify that story. With real-time verification, colleagues and potential employers have a clear view of what you've learned through your SAS training. Share your SAS Learn badges on email signatures, digital résumés and social media.

Learn more at sas.com/badges



My Planning Scratchpad:

Map your training journey

Time to schedule a training class ...

Need help justifying your training needs?
Flip this brochure over for a manager's guide to SAS training!

