SAS® Software Certified Young Professionals

The future belongs to the data scientists

SAS® SCYP

SAS® SOFTWARE CERTIFIED
YOUNG PROFESSIONALS

Analytics in today's world

Analytics technology plays a key role in solving today's business problems.

Organizations are often collecting data at a faster rate than they can handle. Therefore, they need people who can make sense of that data, manage and analyze it, build models and determine what information delivers the most value.

A career in analytics is a smart choice

People with an analytical skill set are highly sought-after. By acquiring the analytical skills that organizations are looking for, you will differentiate yourself.

How can SAS® help your career?

Expand your opportunities with SAS® skills and become an analytics expert. When you know SAS® a whole new world of oppurtunities will be open to you – for example:

• Helping to reduce fraud in banking
• Increase speed to market for pharmaceuticals in life sciences
• Forecast demand in retail
• Detect security breaches in government
• Identify students at risk of falling behind

What we offer

SAS offers students the free SAS Software Certified Young Professionals Program, aka SAS SCYP.

This program consists of:

- A digital classroom with various resources to learn SAS and prepare for the SAS Certification Exam
- Access to SAS Software
- E-Learning courses
- Support and access to expert SAS Instructors
- Course notes and extended learnings
- Practice exam to test if you are ready for the certification exam
- SAS Certification Exam (At a SAS office or at a university) – you can get certified in:
  - **Getting Started with SAS**
    (Certification: SAS Certified Specialist: Base Programming Using SAS 9.4)
  - **Learning more with SAS**
    (Certification: SAS® Certified Professional: Advanced Programming Using SAS® 9.4)
  - **Statistical Analysis with SAS**
    (Certification: SAS® Certified Statistical Business Analyst Using SAS®9: Regression and Modeling)
  - **Machine Learning with SAS**
    (Certification: SAS® Certified Specialist: Machine Learning Using SAS Viya 3.4)
- Events
- Network with customers and partners of SAS, looking for young analytical talents
- Learn more about how SAS is being used in real-life applications

The SAS SCYP Program is offered to students pursuing a degree at universities and university colleges in countries where we organize exam testing events and job events for students. Check out the registration form on **www.sas.com/scyp** to see if the SAS SCYP Program is offered in your country.

① Access SAS Software	+	② Learn SAS	+	③ Prepare for Certification	+	④ Take the Exam

Free SAS software for academic, noncommercial use. An interactive, online community. Free access to superior training and documentation. Free registration for the certification exam. Gain the analytical skills you need to secure your future.

1. Access SAS Software

If you as a student already have access to SAS Software, you can skip step 1 and go directly to 2. Learn SAS. If not, you have two options to run SAS Software for free, either via the Web or by installing a SAS version on your own computer.

2. Learn SAS

The program consists of 2 e-Learning courses (SAS Programming 1 and 2) in total around 40 hours of condensed training. The e-Learning contains exercises and challenges, so you can practice your SAS skills.

3. Prepare for Certification

Once you have completed step 2 and learned SAS, you will be ready to prepare for the exam. Use the resources in step 3 to test your current SAS skills. We especially recommend that you use the practice exam to test yourself whenever this is convenient to you. In addition, we encourage you to reach out to our SAS instructors supporting the SAS SCYP Program if you have any questions about SAS and maybe need guidance on specific topics.

4. Take the Exam

Select the date and location that is convenient to you, once you are ready to take the exam. The exam takes 2 hours. When you pass the exam, you will receive a certificate and a digital badge that you can use in your CV. All the above is free of charge for students.

Job Events

Students with a SAS certification will be invited to meet SAS customers in networking events. These companies, who use SAS, highly recognize and value SAS Certifications and they are looking for young talent.

SAS Certifications

Some reasons to get SAS certified:

• Validate your skills and stand out

• Earn recognition for your knowledge

• Increase your value to future employers

• Build your credibility as a SAS professional

• Receive a digital badge you can share

SAS offers four different certifications:

Getting Started with SAS

• Name of certification: SAS Certified Specialist: Base Programming Using SAS 9.4

The SAS SCYP Program leads you through getting started with SAS programming. You will learn data management techniques to read and create data files, manipulate and transform data, create basic detail and summary reports and identify and correct syntax and programming logic errors. After this initial SAS certification, you can continue expanding your knowledge with one or more certifications in Applied Statistics, Data Science, Data Mining, Data Management and much more.

Learning More with SAS

• Name of certification: SAS® Certified Professional: Advanced Programming Using SAS® 9.4

The SAS SCYP Program helps you to prepare for the Advanced Programming Certification. Building on your skills earned with a Base Programming Credential (Getting Started with SAS), you will now work with SQL, the SAS Macro facility, and advanced coding techniques such as arrays, hash objects, and PROC FCMP.

Statistical Analysis with SAS

• Name of certification: SAS® Certified Statistical Business Analyst Using SAS®9: Regression and Modeling

In this section of the SCYP Program, you will learn how to conduct and interpret complex statistical data analysis. You will be guided into analyses of variance, linear and logistic regressions, preparing inputs for predictive models and measuring model performance.

Machine Learning with SAS

• Name of certification: SAS® Certified Specialist: Machine Learning Using SAS Viya 3.4

This section of the SCYP Program focuses on SAS Visual Data Mining and Machine Learning software. You will learn how to use SAS Model Studio for Machine Learning in a point-and-click pipeline interface on SAS Viya, which is the name of SAS' latest Platform. You will be coached to become skilled in tasks such as: preparing data and feature engineering, creating supervised machine learning models, assessing model performance and deploying models into production.

Read more on www.sas.com/certifications.

Where to start?

Interested? Register for the SAS SCYP Program here: **www.sas.com/scyp**.

Join our SCYP community on **www.facebook.com/scyp**. You can learn more about the program, connect to other SCYP students, and ask questions about the program.

We look forward to helping you learn SAS, get a SAS certification and hopefully have a great start to your career.

Have a great time learning SAS and reach out to us if you have any questions.

The SAS SCYP Team

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