# Enhancing Analytical Skills and knowledge in Life Sciences

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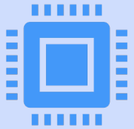
# The Importance of Formal Education

Formal Education is critical, particularly in the Life Science Industry. The Industry relies heavily on data-based decisions, data science, and statisticians.

Continuing to expand skills and knowledge provides a strong foundation for data analysis, leading to better career opportunities, increased productivity, and improved decision-making.

# Building Analytics and Data practitioner Capabilities

*Building analytics and data practitioner capabilities does not happen overnight. With coordinated talent acquisition and employee development, using role and skills based learning resources, it is getting easier to upskill and reskill.*

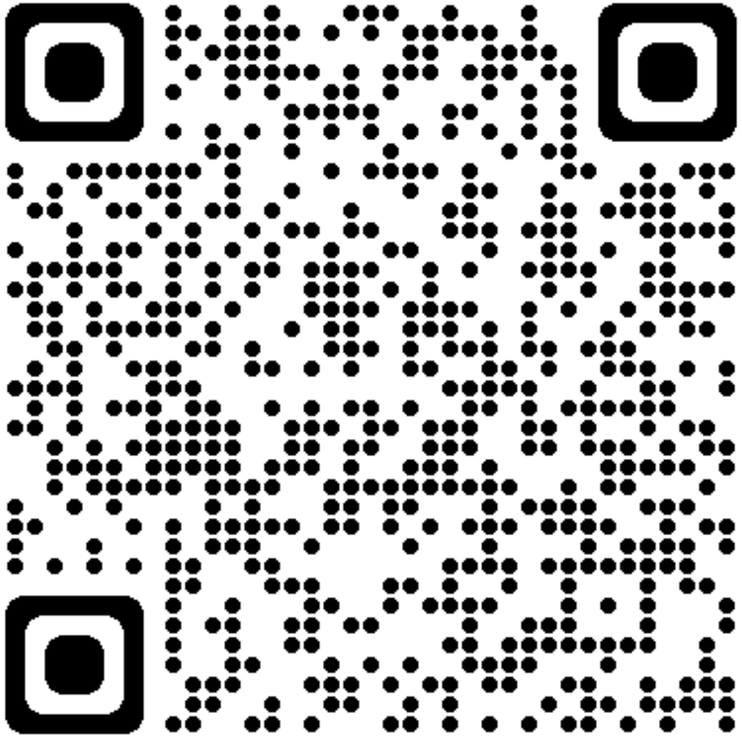


*There is a huge range of free and chargeable SAS and open source software learning resources available through our Learning Management System at Learnsas.com. Combining these with wider learning and development programmes increases staff engagement and connects with future talent in schools, colleges and universities.*

*From the SAS Learning management system you can track and monitor your progress.*

# How do I start?

Building analytics and data practitioner capabilities involves a strategic and systematic approach to developing skills and knowledge in data analytics, data science, and related fields. Here within this article are some steps to get started.



# How Can SAS Help?

# SAS Education Services

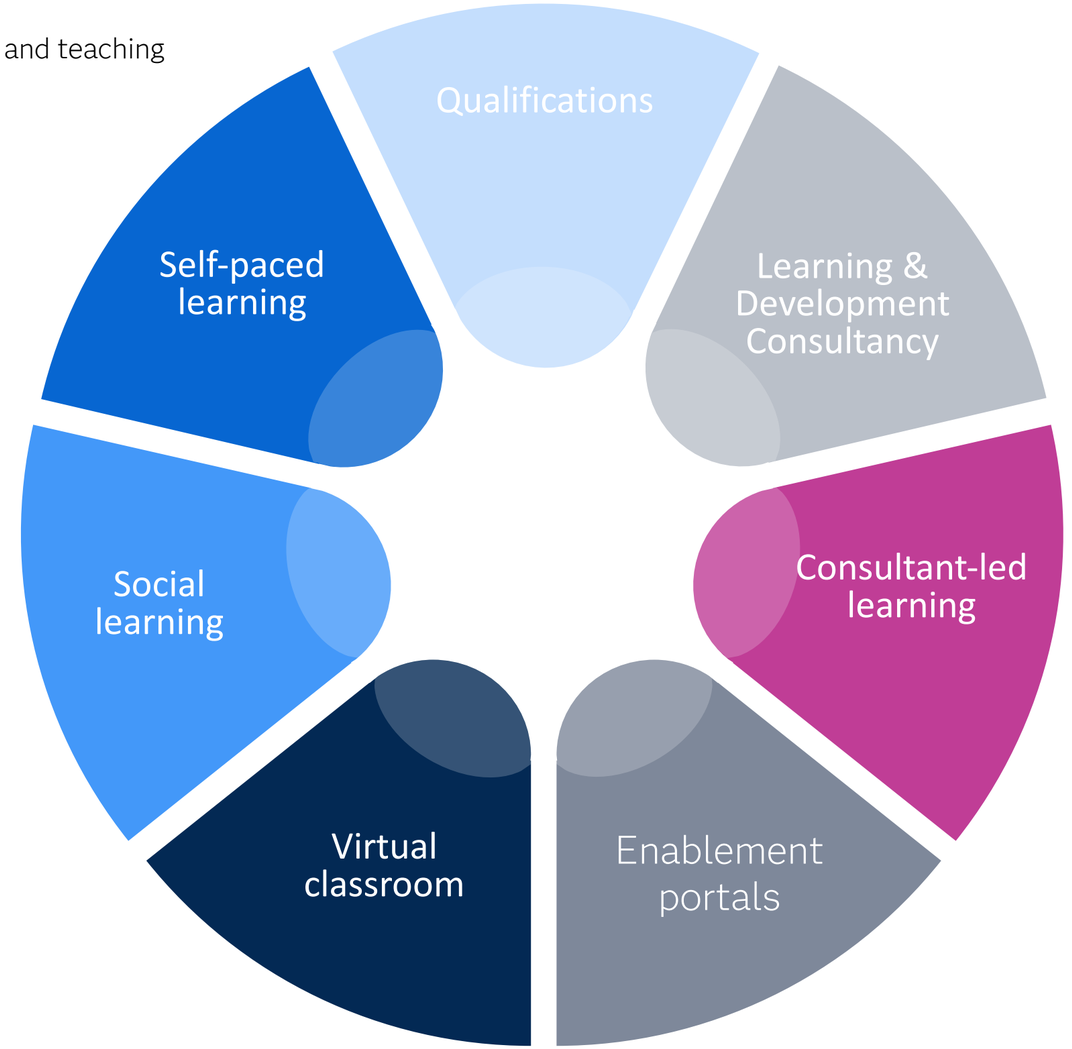
Learning Delivery Programme

- Digital learning badges
- Global SAS Certification pathways
- 100+ universities use SAS for research and teaching
- Accredited SAS trainer

- Annual learning subscriptions
- Digital learning resources
- Technical papers
- Electronic books
- Software laboratories

- SAS Communities
- SAS user groups
- Ask the Expert
- YouTube
- Blogs

- Global live web classes
- Webinars
- Video-based tutorials
- Fast track bootcamp programmes



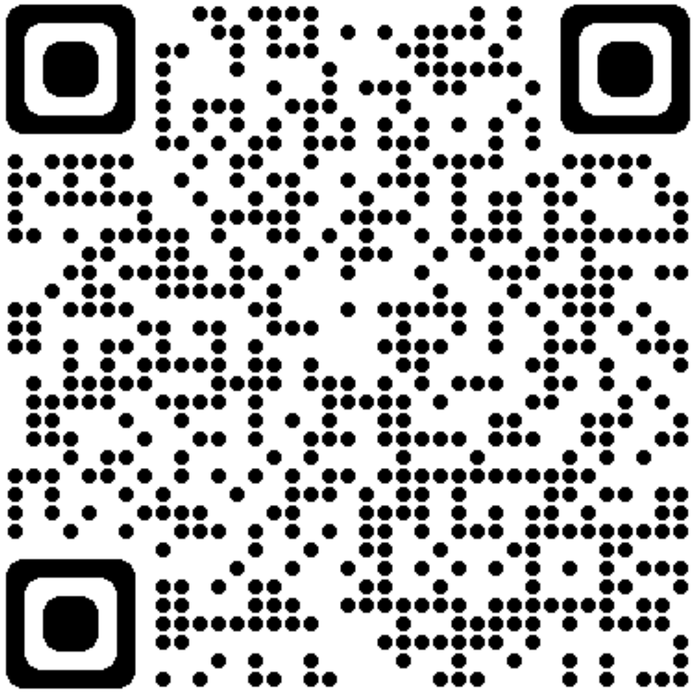

- Learning strategy
- Roles, skills & competency mapping
- Learning needs assessment
- Talent acquisition & development
- User adoption
- Train the SAS trainer

- Public schedule classes
- Closed / custom event courses
- Fast track bootcamp programmes
- Workshops
- Coaching, mentoring & pastoral support
- SAS 9, SAS Viya and analytical skills

- Interactive digital content
- Custom learning pathways
- Convenient & flexible access
- Learner engagement tracking
- Progress & completion reporting

# Getting started or refresh SAS knowledge for Free

## Free learning resources



# Collaboration with Customers

# Collaboration and Industry Specific Learning

## Tailored to Industry Needs

- SAS Platform Administration
- Data Management
- Statistical Programming
- Biostatistician
- Data Scientist
- Clinical Programming
- SAS Life Science Analytics Framework

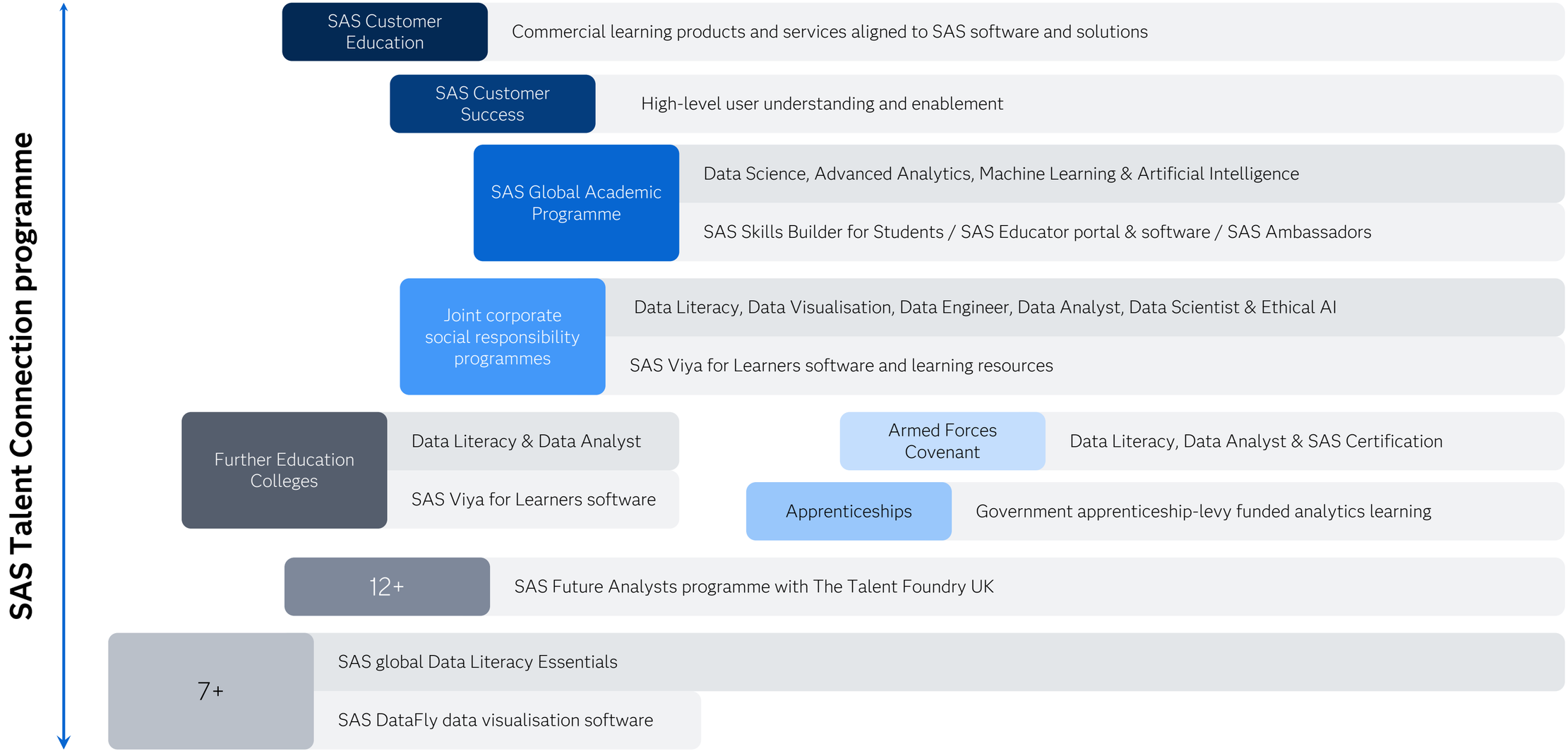
**SAS Users Community**

SAS Communities - Statistical Procedures

Biostatistician Content

- Programming with SAS/IML Software (R Users) - Foundation
- SAS® Programming for R Users - Foundation
- Regression Methods Using SAS® Viya - Foundation
- Fitting Poisson Regression Models Using the GENMOD Procedure - Foundation
- Mixed Models Analyses Using SAS® - Foundation
- Statistical Analysis with the GLIMMIX Procedure - Intermediate
- Advanced Statistical Modeling Using the NLMIXED Procedure - Intermediate

# Developing SAS, data literacy & analytical skills



# Thank you

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