



Jan 9, 2021

Yin Yang

has successfully completed

Structured Query Language (SQL) using SAS

an online non-credit course authorized by SAS and offered through Coursera

A handwritten signature in black ink, appearing to read 'Peter Styliadis'.

Peter Styliadis
Senior Associate Technical Training Consultant
SAS Education

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/M5RQM6JBRW78

Coursera has confirmed the identity of this individual and their
participation in the course.



Jan 11, 2021

Yin Yang

has successfully completed

SAS Macro Language

an online non-credit course authorized by SAS and offered through Coursera

A handwritten signature in cursive script that reads 'Stacey Syphus'.

Stacey Syphus
Senior Manager, Education
SAS

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/W39GBPFRLQ8P

Coursera has confirmed the identity of this individual and their participation in the course.



3 Courses

Structured Query Language
(SQL) using SAS

SAS Macro Language

Advanced SAS Programming
Techniques



Jan 12, 2021

Yin Yang

has successfully completed the online, non-credit Professional
Certificate

SAS Advanced Programmer

When you complete this professional certificate program, you will have experience in SAS programming using SAS 9 and will be able to process data using Structured Query Language in the SAS environment, use the SAS macro facility to design, write, and debug dynamic macro programs, and use advanced DATA step techniques and procedures to manipulate data. These skills prepare you for the SAS Advanced Programmer certification exam.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Peter Styliadis
Senior Associate
Technical Training
Consultant
SAS Education

Stacey Syphus
Senior Manager,
Education
SAS

Senior Manager
SAS Education

Verify this certificate at:
[coursera.org/verify/professional-
cert/BSK8XM9M6BMZ](https://coursera.org/verify/professional-cert/BSK8XM9M6BMZ)