

SAS GLOBAL CERTIFICATION OVERVIEW WHAT'S IN IT FOR YOU?

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Topics

- What's in it for ...
 - Individual
 - Employers
- Certifications
- How to Prepare / Resources
- How to register
- Certification stats
- Contact Info/links

- Preparing for exams will increase your SAS skills and knowledge
- Tangible evidence of competency
- Enhanced credibility and industry recognition
- Improved job security
- Increased compensation possibilities
- Earn a digital badge



A recent study from Money and PayScale found one type of talent stands out above all others in the world of valuable career skills:

Making sense of big data

- Prep
- and k
- Tang
- Enha
- Impro
- Incre
- Earn

Money and PayScale analyzed 54 million employee profiles across 350 industries, with 15,000 job titles - from entry-level workers to top execs.

The study compared people with the same title, age, location and experience, isolating the specific skills (from a universe of about 2,300) correlated with higher pay, advancement and career opportunity.

THE #1 MOST VALUABLE CAREER SKILL

1
SAS®

PAY PREMIUM
+6.1%

Understanding of this data analysis software commands the highest salary premium on our list.

“Mainstream American companies have come to realize that in order to become more effective in the marketplace, they need to analyze data.”

Matt Sigelman, CEO of Burning Glass Technologies, which analyzes job listing information



- Measure of employee/candidate knowledge and skills
- Defined employee training paths
- Higher level of service/productivity
- Competitive advantage with customers
- Increased Employee Sat and retention

Base Programmer for SAS 9

Designed for programmers, analysts, data managers, or anyone writing SAS programs to access and manage data to perform queries and analyses.

Advanced Programmer for SAS 9

The next level for SAS Base Programmer for SAS 9 certified professionals and the foundation for many job roles.

Clinical Trials Programmer for SAS 9

Appropriate for programmers who use SAS software to analyze clinical trials data to produce reports for submission to regulatory authorities.

```
%let type = RANCH;
proc sql;
  create view houses
  as select *
  from sasuser.houses
  where style = "&type";
quit;

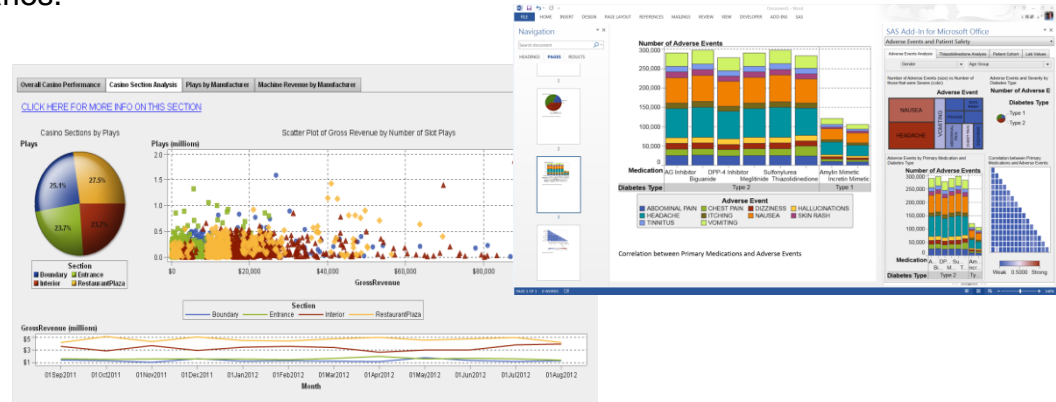
%let type = CONDO;
proc print data = houses;
run;
```

BI Content Developer for SAS 9

Designed for SAS users who are responsible for building, implementing, and customizing SAS interface applications.

Visual Business Analyst: Exploration and Design

Designed for analysts who are using SAS Visual Analytics to explore data and create reports that provide concise, interactive, and relevant data summaries.

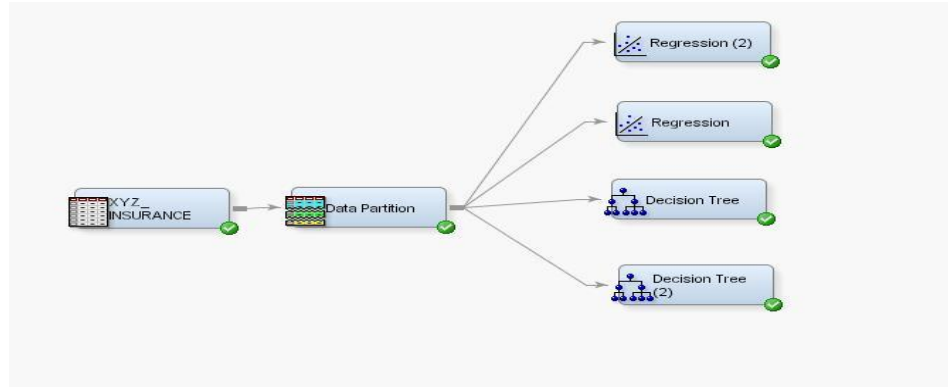


Statistical Business Analyst Using SAS 9: Regression and Modeling

Appropriate for professionals who solve business problems by performing statistical analyses and predictive modeling using SAS/STAT software.

Predictive Modeler Using SAS Enterprise Miner

Designed for SAS Enterprise Miner users who perform predictive analytics.



Data Integration Developer for SAS 9

Designed for those SAS users leveraging the platform for SAS Business Analytics to collect, store, and cleanse data in preparation for reporting and analysis.

Data Quality Steward for SAS 9

Designed for individuals who are using DataFlux Data Management Studio to perform a variety of data quality tasks including profiling data, cleansing data and monitoring data for usability.

Platform Administrator for SAS 9

Designed for IT administrators responsible for installing, configuring, administering, and maintaining the platform for SAS Business Analytics.



SAS® Certified Data Scientist

Designed for individuals who can manipulate and gain insights from big data with a variety of SAS and open source tools, make business recommendations with complex machine learning models, and then deploy models at scale using the flexible, robust SAS environment.



SAS Certified Big Data Professional



SAS Certified Advanced Analytics
Professional



SAS Certified Data Scientist

This credential forms part of The SAS Academy for Data Science.

Candidates will be accredited as a **SAS Certified Data Scientist** once they have passed all exams from both the **SAS Certified Advanced Analytics Professional** credential as well as **SAS Certified Big Data Professional**.

Formal Training

(Instructor led Training, Liveweb, E-learning)

Job Experience

Certification Prep Guides

(Base and Advanced Programming)

Self-study

SAS Press books, technical papers, documentation, samples

Sample Questions

Practice Exams

SAS Groups, Blogs, Communities

Item 4

Given the SAS data set WORK.INPUT:

Var1	Var2
-----	-----
A	one
A	two
B	three
C	four
A	five

The following SAS program is submitted:

```
data WORK.ONE WORK.TWO;  
  set WORK.INPUT;  
  if Var1='A' then output WORK.ONE;  
  output;  
run;
```

How many observations will be in data set WORK.ONE?

Enter your numeric answer. Do not add leading or trailing spaces to your answer.

Item 7

This item will ask you to provide a line of missing code;

The SAS data set WORK.INPUT contains 10 observations, and includes the numeric variable Cost.

The following SAS program is submitted to accumulate the total value of Cost for the 10 observations:

```
data WORK.TOTAL;  
  set WORK.INPUT;  
  <insert code here>  
  Total=Total+Cost;  
run;
```

Which statement correctly completes the program?

- A. keep Total;
- B. retain Total 0;
- C. Total = 0;
- D. If _N_= 1 then Total = 0;

Available for all exams. Illustrates the range of question types.

Recommended SAS Press Books

Base



[Learning SAS by Example](#)
By Ron Cody



[The Little SAS Book: A Primer, Fifth Edition](#)
By Lora Delwiche and Susan Slaughter



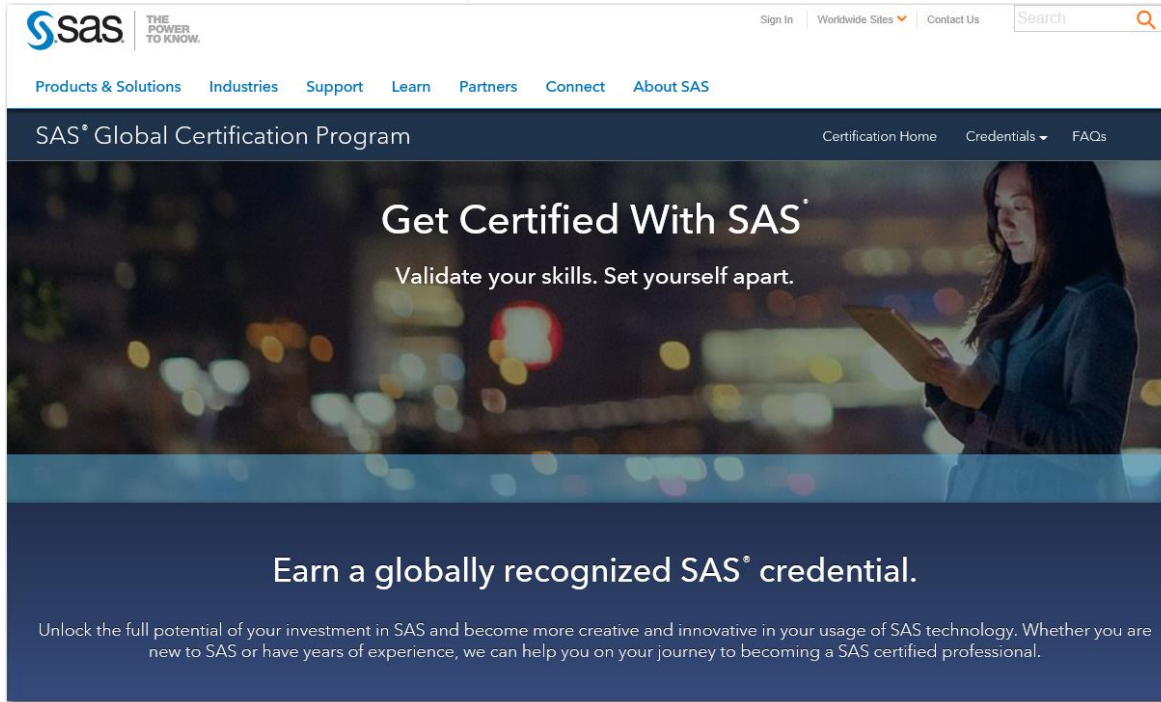
[Step-by-Step Programming with Base SAS 9.4](#)
By SAS Institute



[Solutions for SAS DATA Step Programmers: The Essential Three-Book Set of Examples](#) from Michele Burlew
By Michele Burlew



[Statistical Programming in SAS](#)
By John Bailer



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Get Certified With SAS®

Validate your skills. Set yourself apart.

Earn a globally recognized SAS® credential.

Unlock the full potential of your investment in SAS and become more creative and innovative in your usage of SAS technology. Whether you are new to SAS or have years of experience, we can help you on your journey to becoming a SAS certified professional.

THE place for current information

- Required exams
- Exam objectives
- Exam duration, # questions*
- Required passing score*
- Recommended prep
- How to schedule an attempt
- FAQs
- Discounts

*Subject to change at any time

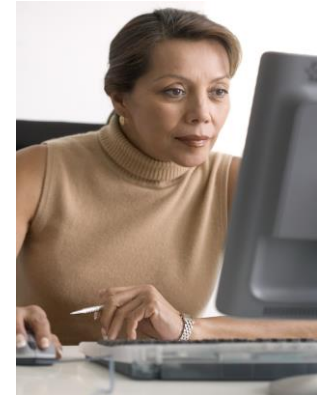
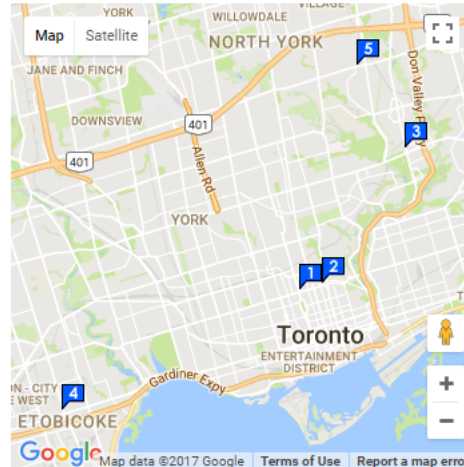
Test Center Search

Find test centers near:

⚠ Important Note: Some exams for SAS require special arrangements and may not be available at all of the test centers listed below. For information on a your web account.

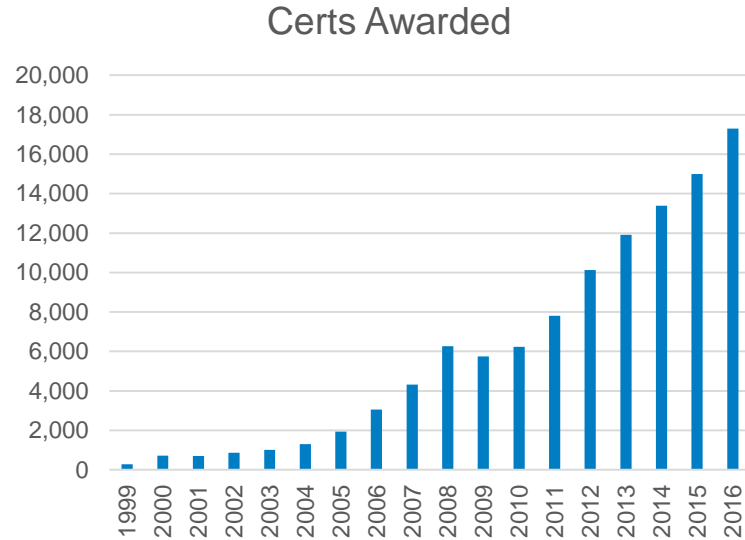
- Exams are delivered primarily through 4,500+ Pearson VUE Test Centers and also at some Universities and SAS events.

Test Center	Distance* Show km	Directions
Canadian Business College 2 Bloor St. West, 22nd Floor, Suite 2200 Toronto, Ontario M4W 3E2 Canada	1.2 mi	Get Directions
triOS College Toronto 425 Bloor Street East Suite 200 Toronto, Ontario M4W 3R4 Canada	1.4 mi	Get Directions
WinGenius 1200 Eglinton Ave East Suite 800	5.4 mi	Get Directions



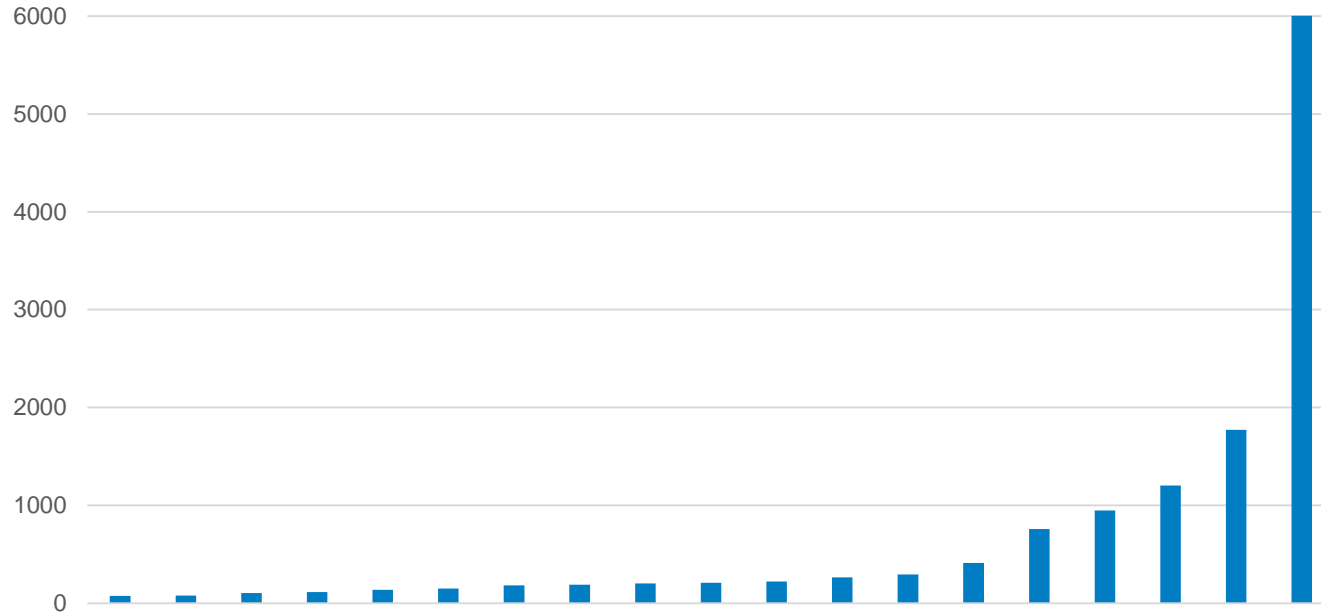


Eligible for listing in
Directory of SAS
Certified Professionals.
(can opt out if desired)



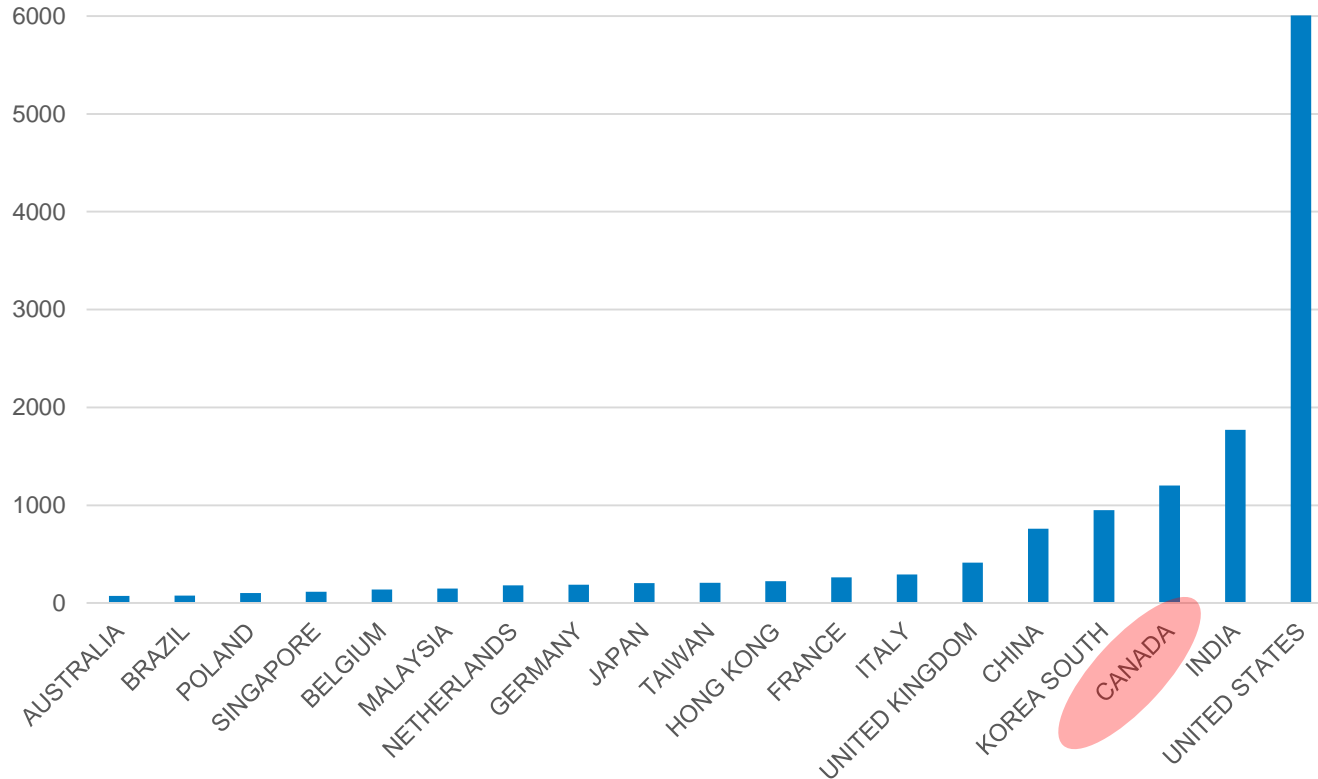
CERTIFICATIONS AWARDED BY COUNTRY

Certifications Awarded: 2017 YTD



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Certifications Awarded: 2017 YTD



Email: certification@sas.com
stephen.keelan@sas.com

Web: https://www.sas.com/en_us/certification.html

Exam Registration: <http://www.pearsonvue.com/sas/>

SAS GLOBAL CERTIFICATION



THE
POWER
TO KNOW.