

SAS Graduate Program

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Innovate with Analytics

*Do you want to pursue a career where
you can be a part of transforming our
customer's worlds?*

Before there was SAS

In 1966, there was no SAS. But there was a need for a computerized statistics program to analyse vast amounts of agricultural data collected through United States Department of Agriculture (USDA) grants.

Development of such software was critically important to members of the University Statisticians Southern Experiment Stations, a consortium of eight land-grant universities that received the majority of their research funding from the USDA. The schools came together under a grant from the National Institutes of Health (NIH) to develop a general-purpose statistical software package to analyse all the agricultural data they were generating.

The resulting program, the Statistical Analysis System, gave SAS both the basis for its name and its corporate beginnings.

Why SAS

SAS is the leader in analytics. We are proud to be ranked No.15 on the Great Place to Work® list of Australia's best 50 Employers and are ranked No. 2 Globally. Through innovative analytics, business intelligence and data management software and services, SAS helps customers at over 75,000 sites to make better decisions faster.

Some people see data as facts and figures. But it's more than that. It's the lifeblood of your business. It contains your organization's history. And it's trying to tell you something.

SAS helps you make sense of the message. As the leader in business analytics software and services, SAS transforms your data into insights that give you a fresh perspective on your business. You can identify what's working. Fix what isn't. And discover new opportunities.

We can help you turn large amounts of data into knowledge you can use, and we do it better than anyone. It's no wonder an overwhelming majority of customers continue to use SAS year after year. We believe it's because we hire great people to create great software and services.

The SAS Graduate Program

Providing graduates the opportunity to pursue a career in analytics and data science

The SAS Graduate Program provides an outstanding career opportunity, for university students to join our highly innovative and customer driven business.

Our program allows you to put your skills into practice whilst you develop your knowledge of SAS technologies and solutions, whilst gaining a solid understanding of the SAS business. Experience orientation, e-learning and classroom training, followed by three department rotations.

Orientation

Centres around introduction and orientation, getting settled into the program and networking with previous years' participants

Bootcamp Part 1

5 week extensive training plan, including Foundation SAS Training and Industry Certification

Bootcamp Part 2

3 week extension training plan, including Advanced SAS Technology Training

Rotation 1 - Technical Support

Involves fine tuning your technical problem solving methodology by actively providing SAS software support to our customers.

Rotation 2 - Consulting

Involves refining your project based approach to the implementation of SAS software at our customer sites.

Rotation 3 - Presales

Pre-sales provides an introduction to SAS software technical sales part of engaging our customers

"The ANZ SAS graduate program has a unique structure that gives graduates the flexibility and opportunity to excel at the area that best meets their skills."

- Kris Avila, Technical Consultant, SAS Australia & New Zealand

SAS Graduate Program Stories



Simon Dawson

I joined SAS in the start of 2011. It was one of the most fortunate experiences of my life to be accepted into the SAS graduate program. The program is well structured and set me up for success. Within 6 months of joining the program I was placed permanently into the Technical Support team where I have remained until today. With the groundwork laid through the awesome training program I was successfully able to progress my career and am now a senior engineer.



Lottie Schuiff

For me personally, coming out of University at the age of 20, I really wanted to be part of something that had some kind of relevance. In terms of industry, I feel as though the information industry is extremely relevant, which was something that definitely appealed to me. The fact that SAS is an international and market leader in this industry, made it an even more appealing prospect for someone like myself who is keen to gain experience and continue my learning process.



Jesse Leopold

From the word go, it became very clear that I was going to learn a lot at SAS. Within minutes of starting my Graduate role, I was learning about one of the many solutions SAS offers to its customers. I am blown away by how much I have already learned, and excited at what I will be able to learn through the extensive opportunities for training and practical experience. It will be fantastic to be able to rotate between various areas of expertise within SAS, and discover what I can really do, and what I really enjoy doing. I am looking forward to meeting more SAS clients, and seeing how I can help empower them to make better business decisions.

Making Sense of Big Data

A recent study confirmed what thousands of employees already know: SAS skills are the biggest pay differentiator in the market. Money and PayScale "analysed 54 million employee profiles, across 350 industries, with 15,000 job titles - from entry-level workers to top execs. The result: an authoritative list of the skills with the best payoff in the workforce today.

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

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.

Other top data skills:

THE #2 MOST VALUABLE CAREER SKILL

2 **Data Mining/ Data Warehousing** **PAY PREMIUM +5.1%**

These skills involve integrating large data sets and combing through them for patterns with bottom-line impact.

THE #4 MOST VALUABLE CAREER SKILL

4 **Data Modeling** **PAY PREMIUM +5%**

This database design skill is correlated with a juicy pay bump across several job types, from the sciences to finance.

“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

Jump-start a career in analytics for free.
sas.com/analyticsu
Source: Money and PayScale.com

Of all skills considered by employers, the report found SAS to be worth the most in terms of salary. A likely cause: the rise of big data. "... (C)ompanies can use this information to do things like target new customers, improve service, and offer more personalized products - as long as they employ folks who understand how to organize, analyze, and apply it," states the report.

Your Dream Job

The SAS graduate program is an exciting opportunity for both the student and SAS. For the student, the program provides extensive training and an opportunity to gain real world experience. For SAS the program introduces new talent into the business. In short the SAS Graduate Program is a fun and educational experience which builds a strong foundations for your future career.

So what describes a successful candidate? SAS is looking for smart and inquisitive individuals who push the boundaries of what you can achieve with technology and help transform the world of our customers, through the innovative use of analytics. You need to be:

Tech Savvy - experienced with programming languages and/or modelling tools

Data Savvy - experienced with exploring and analysing data

Passionate - understands the importance of data analytics and the impact smart thinking plays on the world around us

Tenacious - takes every activity as an opportunity to learn and apply new thinking

Study areas - has studied a degree containing STEAM subjects e.g.; statistics, analytics, actuarial studies, technology, mathematics, engineering, business etc.

Communication - demonstrates strong communication verbal and written skills

Resourceful - demonstrates an ability to explore and self-source information, and independently learn and apply this learning

Ultimately, the recruitment process is an opportunity for you to demonstrate your ability to test and apply the knowledge that you have gained by, sharing examples from your studies. It is also a chance for you to explain the skills and experience which you bring to SAS. To help you prepare you may want to download SAS® University Edition, view the SAS YouTube site or explore our free e-learning.

How do I join SAS?

- 1 Apply Online: Visit the SAS Graduate Program page - click "Apply Here"
- 2 Participate in Screening Call
- 3 Attend our Case Study Investigation & Interview Day
- 4 Final Interview Day
- 5 Reference Check and Offer

The Great Place to Work Story

We are delighted that SAS Australia has again made the list of the Best Places to Work, coming in at 15.

We are proud to have this recognition and our ranking is one of many measures of success for us. However, I'd like to take this opportunity to reflect on how SAS Australia has got so much more back in return from the insights we gain by participating in the survey. And we can't put a price (or a number ranking) on that.

One of our strategic goals is to be in the top three of the Best Places to Work in Australia. We know this is an audacious goal and not without its challenges. It takes unwavering dedication and consistent effort from everyone to 'stay the course' regardless of whether they are in our Executive Team or a new hire in our Graduate Program. We are creating a culture of innovation, operational excellence, team work and camaraderie. We know that building the best possible environment is how we're going to get highly engaged and motivated employees driving the best outcomes for our customers and SAS. It's important to us that our employees feel trusted, respected and valued and that they know on any given day that what they do fits into our overall company strategies and goals.

So, what have our employees said about us, that have made us a Great Place to Work? Here are just a few highlights:

- There are very high levels of mutual trust, with clear and consistent management communications
- We hire people who are the right fit for us and they are then given responsibility for getting on with the job at hand
- Management involves us in the big decisions and is always available to answer questions
- We have tremendous pride in what we do, showing great care for our teammates.
- business unit strategy development for multinational clients in a variety of industries.



Brendan Gregor
*Human Resources Director,
ANZ at SAS*

Data for Good



Black Dog Institute

Transforming mental health research with analytics

SAS is passionate about active participation in the wider Australian community, underpinned by a strong engagement of its staff in community initiatives. SAS supports Black Dog Institute through financial donations, as well as in-kind support through sharing its data analytics expertise and resources for Black Dog's suicide prevention research project and uses SAS technology to map social networks and mental health networks in a large organisation.

[Read More](#)



IOM International Organization for Migration

IOM is changing the face of humanitarian response

For the Nepalese, visual analytics is the difference between lifting them up – and helping them stand on their own. The International Organization for Migration (IOM) has been onsite in Nepal since the first of two earthquakes shattered the area last April. More than 8.1 million people were affected, more than half a million homes destroyed. Today, with the help of analytics, IOM is making unprecedented progress toward returning families to their homes and rebuilding the local economy.

[Read More](#)



MINISTRY OF SOCIAL DEVELOPMENT *Te Manatū Whakahiato Ora*

Transforming social welfare with analytics

New Zealand Ministry of Social Development uses big data to profoundly improve the lives of citizens. Social welfare accounts for nearly a quarter of New Zealand's gross domestic product. Tasked with improving services while spending these funds responsibly, the Ministry of Social Development (MSD) is transforming its welfare system with the help of SAS Analytics.

[Read More](#)

Analytics in Action

Experience. Flexibility. Innovation

The stakes are high. You need a partner with a proven track record.

We've been applying analytics to the toughest business problems for decades. With SAS, you get solutions built on a powerful analytics platform – and millions of lessons learned.

SAS has been analytics experts for decades, building proficiency until we can address any business problem. We've seen it, solved it, learned from it and integrated what we've learned.

Flexible analytics that accommodate every skill set on your team.

With user-friendly interfaces that accommodate different skills – from business analysts to data scientists – all your key players can speak analytics. Our flexibility drives your productivity.

Imagine what can happen when each role in your organization – from business to IT – is empowered to use SAS Analytics. Productivity skyrockets. Collaboration kicks in. And great work gets done.

We take big ideas that shape the future, and make them bigger.

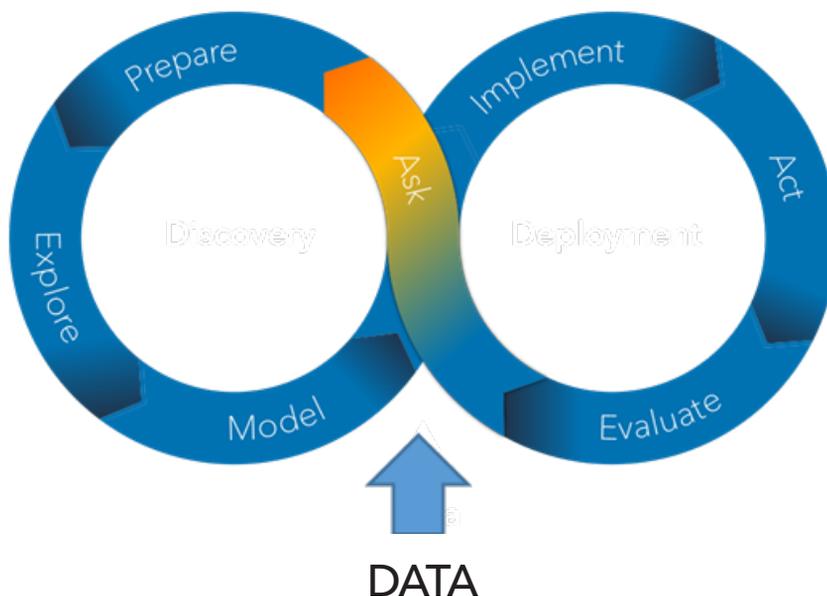
We invest in technology that improves your business. Innovations such as machine learning and the Internet of Things are not only on our radar, they're also inspiring new solutions to prepare you for the future.

SAS doesn't settle for ordinary innovation. We put thought and research into ideas that matter – and then create analytics solutions that improve your business

Some people look at data and see numbers. Others look at numbers and see faces

By applying data science to humanitarian causes, SAS joins organizations around the world in a Data for Good movement to solve issues around poverty, health, human rights, education and the environment.

SAS is proud to be part of the Data for Good movement, which encourages using data in meaningful ways to solve humanitarian issues around poverty, health, human rights, education and the environment. Help us spread the word about #data4good.



SAS® Analytics U

SAS® Analytics U is the go-to place for all you need to know about teaching and learning SAS. The goal of SAS® Analytics U is to close the analytics skills gap. SAS GLOBAL FORUM, WASHINGTON, DC (Mar 24, 2014)

Big data has created an unprecedented demand for analytics talent that outpaces qualified applicants. To help fill the skills gap, SAS® Analytics U is a broad higher education initiative that includes free SAS software, university partnerships and engaging user communities that support the next generation of SAS users. New, no-cost software offerings allows students, professors and learners of all ages to access and deploy SAS software more easily and faster than ever.

“Big data is transforming how we work, which creates new opportunities for how we teach,” said SAS CEO Jim Goodnight. “Jobs requiring analytic skills are in high demand, but right now there isn’t enough talent to fill those jobs. SAS Analytics U addresses that gap by making it easier to access free SAS software so anyone can become an analytic expert.”

In this day and age of big data, more and more companies are seeking new talent with technology and analytics skills. That’s why we created SAS Analytics U. The goal of SAS Analytics U is to keep the pond of SAS-skilled talent fully stocked for generations to come, making it easier for SAS customers to find the resources they need. By helping learners develop skills that span the entire analytics lifecycle, SAS is helping fill the analytics skills gap present in the job market today.

SAS® Analytics U is the culmination of:

Providing free SAS Software ensuring Analytics is always within easy reach

SAS University Edition offers free use of SAS foundational technologies, ideal for data and statistical analysis in teaching, research and self-paced learning. Available via quick download from the web, SAS University Edition is offered worldwide for use on PCs or Macs.

Supporting degrees and courses so as to expand opportunities for lucrative careers

Since 2006, when SAS and North Carolina State University launched the first analytics master’s degree, the demand for graduates with big data skills has increased dramatically.

A 2011 McKinsey Global Institute study forecast a 50 percent to 60 percent gap between supply and demand for people with deep analytical talent and the ability to analyse large data sets. Employers, such as SourceHOV, understand the importance of finding scarce talent.

“We are swamped with data. Without the analytics talent to make sense of it, we would be at a competitive disadvantage,” said Mark Pitts, Senior Vice President of Analytics at SourceHOV. “Graduates with analytics skills, such as those offered through SAS Analytics U, can write their own ticket.”

Online connections support next-generation SAS users

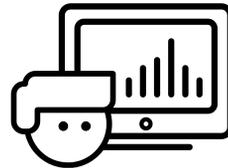
Active user communities are vital elements of SAS Analytics U. SAS has launched professor and student communities rich with resources and data sets to teach and learn SAS. Participants share best practices, lesson plans, projects and peer support.



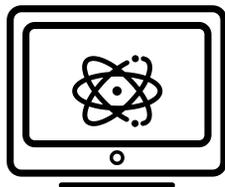
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SAS® University Edition



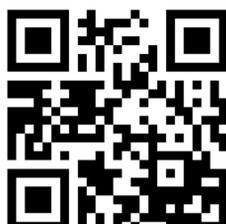
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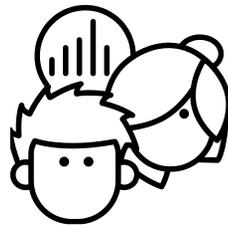
SAS® E-learning



Programming 1



Statistics 1



SAS® Analytics U
Community



It's cool to be curious.

Sharpen your data science skills. Broaden your potential.

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"WE'RE COMMITTED TO BUILDING THE NEXT GENERATION OF DATA-SAVVY PROFESSIONALS.... ANYONE WHO WANTS A GOOD-PAYING, RECESSION-PROOF SKILL SET SHOULD CONSIDER A CAREER IN ANALYTICS."

- Dr. Goodnight

FOR MORE INFORMATION
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