

SAS® Education

Course Catalogue

SAS® Platform for Business Analytics



2012

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 | THE
POWER
TO KNOW®

What We Offer



Steve Dowse
Manager, SAS Education
Australia and New Zealand

At SAS Education, we strive to provide our customers with the skills to use SAS software to help you solve your business problems. Your success is our goal and the reason we hold such high standards for the development and presentation of our training.

We want your entire training experience to be as informative and valuable as possible; from choosing training that fits your needs, to registering and attending the course.

If you're ever not satisfied with your training experience, let us know and we will make things right. That is our guarantee at SAS Education. We know that your investment in SAS will return more than just the expected benefits, and we hope you'll turn to SAS Education to help you fully utilise the competitive advantage SAS can provide.

Please join us for a successful SAS training experience in 2012

More Courses

Discover the other courses we offer for SAS Programmers and Analysts



Write to ed@oz.sas.com to request your copy or download from www.sas.com/australia/training or www.sas.com/nz/training.

Public courses are taught at SAS training facilities around Australia and New Zealand. Our instructors deliver critical SAS knowledge and helpful tips using a combination of expertly designed lectures and software demonstrations, question-and-answer sessions and hands-on computer workshops for an interactive learning experience that is second to none.

Custom training services have the same quality content and instructional design as our public courses. This training is delivered at your convenience in a private setting of your choosing. Create customised training that is optimised for your team by selecting any course from our full curricula, combining course segments, or having new training written for you.

SAS e-Learning provides immediate access to award-winning training at your desktop 24/7. Be sure to check out the ever-expanding list of short e-Lectures as well as the dynamic and engaging multimedia e-Courses. SAS e-Learning allows you to train without travel time and cost.

Business Knowledge Series is a unique partnership between SAS and external professionals who bring their real-world knowledge directly to you. The courses are authored by respected practitioners who use SAS to solve common business problems.

SAS Certification recognises excellence using SAS software. With growing, worldwide demand for professionals with a high level of SAS software knowledge, certification can help you distinguish yourself as a leading SAS professional.

For the most current information on what we offer, visit us on the Web at www.sas.com/australia/training

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Get SAS Certified with these credentials:

Experience is a critical component to becoming a SAS Certified Professional. The diagrams below illustrate available credentials and training options that can help you prepare for the required examinations.

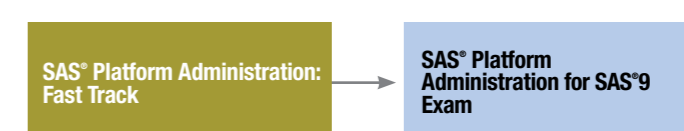
SAS® Certified BI Content Developer for SAS®9



SAS® Certified Data Integration Developer for SAS®9

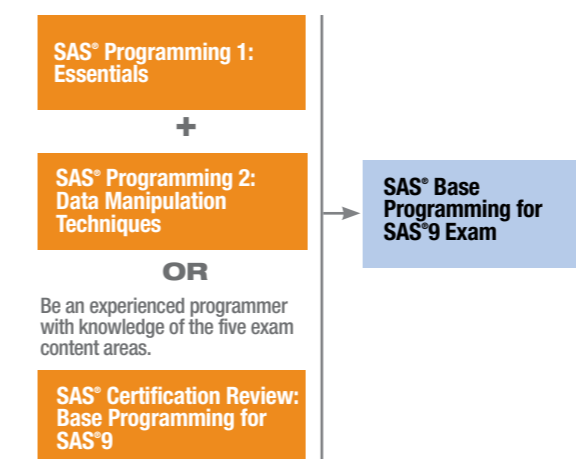


SAS® Certified Platform Administrator for SAS®9

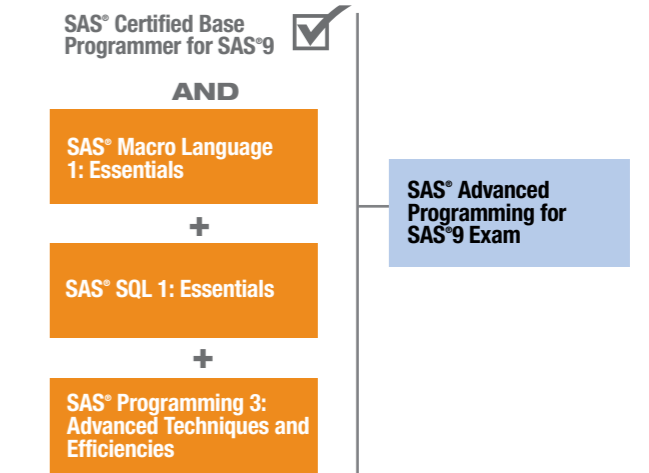


Other credentials:

SAS® Certified Base Programmer for SAS®9



SAS® Certified Advanced Programmer for SAS®9



SAS® Certified Predictive Modeler Using SAS® Enterprise Miner™





Business User

I access existing information as well as create my own reports and analyses using point-and-click applications. I use SAS Add-In for Microsoft Office, SAS Web Report Studio, and the SAS Information Delivery Portal.

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- ▶▶ www.sas.com/nz/training



BI Content Developer

I understand my organisation's data and the applications I need to create reports and analyses for myself and others in my organisation. I use SAS Information Map Studio, SAS BI Dashboard, and SAS Enterprise Guide for the creation of stored processes. I may also use SAS OLAP Cube Studio and SAS Visual BI (powered by JMP software).

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Designing, Tuning, and Maintaining SAS® OLAP Cubes

CP Preparation for SAS® Certification Exam

SAS® Business Intelligence Reporting 1: Essentials

This course teaches how to access reports and analyse data using several of the business user applications in the platform for SAS Business Analytics.

Learn how to:

- identify the various types of reports
- work with SAS analyses
- interact with multidimensional data
- access SAS data sources
- create reporting presentations.

Who should attend: Business users

Delivery: Classroom

Duration: 2 days

Course code: SBU1

SAS® Business Intelligence Reporting 2: Additional Topics

This course expands on the knowledge learned in the *SAS® Business Intelligence Reporting 1: Essentials* course and provides additional information for using several of the business user applications in the platform for SAS Business Analytics.

Learn how to:

- build and enhance SAS reports on the Web using advanced features
- access different types of data sources and run advanced SAS analyses in Microsoft Office applications
- share reports across your organisation.

Who should attend: Business users

Delivery: Classroom

Duration: 2 days

Course code: SBU2

Advanced and Specialty Courses

Accessing SAS® from Microsoft Office Applications

Personalizing the SAS® Information Delivery Portal

Using SAS® Web Report Studio

Creating Business Intelligence for Your Organisation: Fast Track

This intensive training course provides accelerated learning for business content developers. This course is for individuals who are comfortable with learning large amounts of information in a short period of time.

Learn how to:

- use several of the business user applications in the platform for SAS Business Analytics
- create and exploit dynamic value selection
- create advanced information maps
- create advanced SAS BI Dashboard applications
- create advanced stored processes able to create dynamic data sources
- build, schedule and distribute advanced reports
- consolidate information into a business reporting application
- describe the online analytical processing capabilities available in the SAS Platform

- explore the basic functionality of the SAS integration with JMP
- examine the types of metadata created in the SAS Platform.

Who should attend: Business analysts

Delivery: Classroom

Duration: 5 days

Course code: SBAFT

Certification: This course is suggested preparation for the SAS® BI Content Development for SAS®9 exam.

Creating Business Intelligence for Your Organisation 1: Essentials

This course teaches how to build reports, analyses, and dashboards for consumption by business users and other information consumers in your organisation.

Learn how to:

- use several of the business user applications in the platform for SAS Business Analytics
- build SAS Information Maps, SAS Stored Processes, and SAS BI Dashboards
- consolidate information into a business reporting application
- examine the types of metadata created in the platform for SAS Business Analytics
- create multidimensional data sources.

Who should attend: Business content developers

Delivery: Classroom

Duration: 3 days

Course code: SBA1

Certification: This course is suggested preparation for the SAS® BI Content Development for SAS®9 exam.

* Available as a private class

Creating Business Intelligence for Your Organisation 2: Additional Topics

This course expands on the knowledge learned in the *Creating Business Intelligence for Your Organisation 1: Essentials* course and provides advanced techniques for building SAS Information Maps, SAS Reports, SAS Stored Processes, and SAS BI Dashboards.

Learn how to:

- create and exploit dynamic value selection
- build advanced information maps using SAS Information Map Studio
- build, schedule, and distribute advanced reports
- produce advanced stored processes able to create dynamic data sources
- build advanced SAS BI Dashboard applications
- consolidate information into a business reporting application.

Who should attend: Business content developers

Delivery: Classroom

Duration: 3 days

Course code: SBA2

Certification: This course is suggested preparation for the SAS® BI Content Development for SAS®9 exam.

* Available as a private class

Designing, Tuning, and Maintaining SAS® OLAP Cubes

This course teaches students how to use the SAS OLAP Environment to build, tune, and maintain multidimensional cubes.

Learn how to:

- access requirements and examine options for building efficient OLAP cubes
- create and set security on SAS OLAP cubes
- extend the functionality of the cube using both wizards and the Multidimensional Expressions (MDX) language
- tune a SAS OLAP cube and perform cube maintenance
- use an OLAP cube in reporting applications.

Who should attend: Business content developers

Delivery: Classroom

Duration: 3 days

Course code: SBAOLAP

Advanced and Specialty Courses

- Creating BI Dashboards Using SAS® 9.2
- Creating Information Maps Using SAS® 9.2
- Creating Stored Processes Using SAS® 9.2
- SAS® Enterprise Guide® 1: Querying and Reporting
- SAS® Visual BI: Dynamic Data Visualisation

Recommended Certification

SAS® Certified BI Content Developer for SAS®9



Business Knowledge Series

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SAS® Data Management

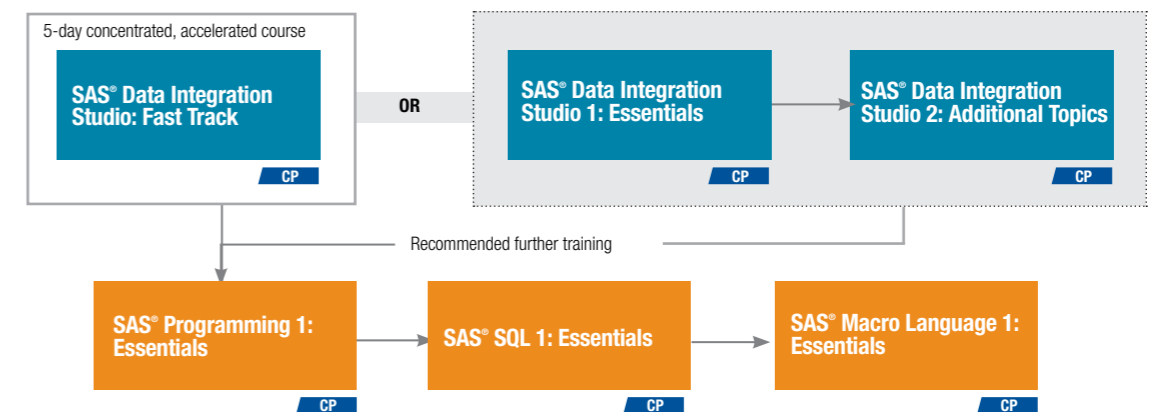


Data Integration Developer

I collect, store, and cleanse data in preparation for reporting and analysis. I use applications such as SAS Data Integration Studio and the SAS Data Quality Solution. I may also use SAS Information Map Studio and OLAP techniques as well as write SAS code.

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CP Preparation for SAS® Certification Exam

SAS® Data Integration Studio: Fast Track

This intensive training course provides accelerated learning for data integration developers. This course is for individuals who are comfortable with learning large amounts of information in a short period of time.

Learn how to:

- register source data and target tables
- create jobs and explore the functionality of the Job Editor
- work with many of the various transformations
- enhance table relationships using integrity constraints, keys and indexes
- work with slowly changing dimensions
- create custom transformations with the Transform Generation Wizard
- document and deploy jobs
- administer SAS Data Integration Studio
- incorporate data quality techniques

Who should attend: Data integration developers

Delivery: Classroom

Duration: 5 days

Course code: DIFT

Certification: This course is suggested preparation for the SAS® Data Integration Development for SAS®9 exam.

SAS® Data Integration Studio 1: Essentials

This course introduces SAS Data Integration Studio and includes topics for registering sources and targets; creating and deploying jobs; and working with transformations.

Learn how to:

- register source data and target tables
- create jobs and explore the functionality of the Process Designer
- work with many of the various transformations
- document and deploy jobs
- use Impact Analysis and job performance statistics
- build a SAS OLAP cube and SAS Information Map (self-study).

Who should attend: Data integration developers and data integration architects

Delivery: Classroom

Duration: 3 days

Course code: DI1

Certification: This course is suggested preparation for the SAS® Data Integration Development for SAS®9 exam.

SAS® Data Integration Studio 2: Additional Topics

This course expands on the knowledge learned in *SAS® Data Integration Studio 1: Essentials* and provides additional information on setting up change management, working with slowly changing dimensions, as well as status handling and change data capture.

Learn how to:

- set up change management
- enhance table relationships using integrity constraints, key, and indexes
- work with slowly changing dimensions
- create custom transformations with the Transformation Generator Wizard
- administer SAS Data Integration Studio
- include data quality techniques (self-study).

Who should attend: Data integration developers

Delivery: Classroom

Duration: 3 days

Course code: DI2

Certification: This course is suggested preparation for the SAS® Data Integration Development for SAS®9 exam.

Advanced and Specialty Courses

Designing, Tuning, and Maintaining SAS® OLAP Cubes

Recommended Certifications

SAS® Certified Data Integration Developer for SAS®9



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SAS® Data Management

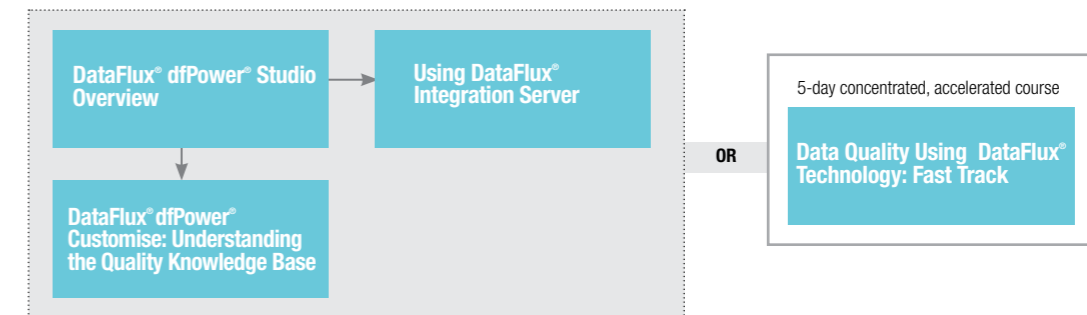


Data Quality Steward

I profile data for inconsistencies, apply various data cleansing techniques, and monitor data to ensure that it is usable for reporting and analysis. I use software and applications from DataFlux® such as DataFlux® dfPower® Studio and DataFlux Integration Server®.

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Data Quality Using DataFlux® Technology: Fast Track

This intensive training course provides accelerated learning for data quality stewards. This course is for individuals who are comfortable with learning large amounts of information in a short period of time.

Learn how to:

This fast track course covers the same topics as *DataFlux® dfPower® Studio Overview*, *Using DataFlux® Integration Server* and *DataFlux® dfPower® Customise: Understanding the Quality Knowledge Base*.

Who should attend: Anyone who needs a solid foundation on data quality using DataFlux in an accelerated time frame
Level IV: Expert

Delivery: Classroom

Duration: 5 days

Course code: DQFT

DataFlux® dfPower® Studio Overview

This course is designed for students who need to have a better understanding of DataFlux and data management concepts and methodology. Students will have an extensive overview of DataFlux dfPower Studio and architecture.

Learn how to:

- profile data
- improve data by applying various data cleansing techniques, by integration and by address verification
- control the data cleansing cycle by using trend analysis and business rules monitoring.

Who should attend: Anyone getting started with DataFlux dfPower Studio to manage and cleanse data

Delivery: Classroom

Duration: 3 days

Course code: DQDFPS

DataFlux® dfPower® Customise: Understanding the Quality Knowledge Base

This course is designed for users who need to learn more about the Quality Knowledge Base (QKB) of DataFlux dfPower Customise.

Learn how to:

- understand the QKB components
- use the QKB component editors
- understand various definition types.

Who should attend: Data quality stewards

Delivery: Classroom

Duration: 2 days

Course code: DQCSTQKB

Using DataFlux® Integration Server

This course is designed for DataFlux customers who want to learn more about the DataFlux Integration Server.

Learn how to:

- configure the DataFlux Integration Server
- process jobs remotely
- establish real-time services.

Who should attend: Data quality stewards

Delivery: Classroom

Duration: 1 day

Course code: DQDIS



SAS® Platform Administrator

I install, configure, administer, and maintain the platform for SAS Business Analytics.

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- ▶▶ www.sas.com/nz/training



SAS® Enterprise Miner Administrator

I install, configure, administer, and maintain SAS Enterprise Miner.

- ▶▶ www.sas.com/australia/training
- ▶▶ www.sas.com/nz/training



SAS® Platform Administration: Fast Track

This intensive training course provides accelerated learning for those students who will administer the platform for SAS Business Analytics. This course is for individuals who are comfortable with learning large amounts of information in a short period of time.

Learn how to:

- administer the SAS environment
- identify and report about the state of the SAS environment
- back up the SAS environment
- monitor and log SAS servers
- administer client applications
- administer users
- administer data access
- recognize and establish various security techniques
- secure data and other shared content
- troubleshoot metadata security
- move and promote metadata.

Who should attend: Experienced SAS administrators responsible for the platform for SAS Business Analytics
Delivery: Classroom
Duration: 5 days
Course code: SPAFT
Certification: This course is suggested preparation for the SAS® Platform Administration for SAS®9 exam.

CP Preparation for SAS® Certification Exam

Advanced and Specialty Courses

SAS® OLAP Environment: Administration

Recommended Certifications

SAS® Certified Platform Administrator for SAS®9

SAS® Enterprise Miner™: Administration

SAS® Enterprise Miner™: Administration

This course is for administrators who need to install, configure, administer, and maintain SAS Enterprise Miner.

Learn how to:

- review the steps to install and configure SAS Enterprise Miner
- manage server access
- manage data access
- manage SAS Enterprise Miner specific metadata.

Who should attend: IT administrators responsible for the platform for SAS Business Analytics and SAS Enterprise Miner

Delivery: Classroom
Duration: 1 day
Course code: SPAEM



SAS® Enterprise Guide® Administration

SAS® Enterprise Guide®: Administration

This course is for SAS administrators who need to administer SAS Enterprise Guide.

Learn how to:

- review the steps to install and configure SAS Enterprise Guide
- manage server access
- modify workspace server attributes and other SAS Enterprise Guide specific actions

- determine appropriate use of the SAS Enterprise Guide Explorer
- use SAS Enterprise Guide roles.

Who should attend: Administrators for SAS Enterprise Guide and the platform for SAS Business Analytics
Delivery: Classroom
Duration: 2 days
Course code: SPAE43

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