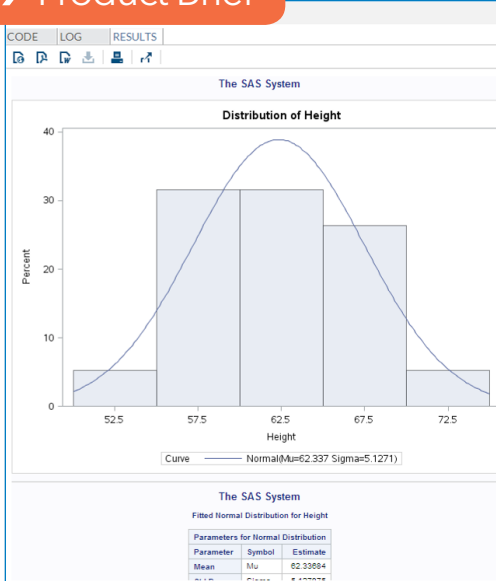


## Product Brief



## Benefits

- **Learn valuable SAS® Analytics skills.** Those with analytic prowess are in high demand from employers around the world. If you're a student or independent learner, knowing SAS is a great way to prepare for – and secure – your future. And if you're a teacher or professor, teaching SAS is a great way to attract top students and to equip tomorrow's workers with the skills they'll need to succeed.
- **Powerful analytical software.** Access is free, so you can get the same world-class analytics software used by more than 70,000 business, government and university sites around the world, including 91 of the top 100 companies on the Fortune Global 500® list. That means you'll be using the most up-to-date statistical and quantitative methods whenever and wherever you are.
- **Save IT resources, time and money.** All of the software is accessed in the cloud through a web browser, so you don't need to buy large-scale hardware, dedicate IT staff or perform complex configurations to get up and running.

# SAS® OnDemand for Academics

Immediate access to SAS® software for teaching, learning and research

## Overview

For courses requiring analytical software, students have historically had three options: buy the software from the bookstore and install and configure it on their own computers; use the software in a computer lab run by the school; or turn to free, open source analytics software.

With SAS OnDemand for Academics, professors, students, researchers and independent learners gain free access to SAS advanced analytics software over the web, so you can get up and running quickly with a computer and a broadband connection. All analytical processing is done in the cloud. There are multiple SAS software offerings included that allow you to do statistical analysis, data mining and forecasting. And you can use an easy-to-learn, point-and-click interface, or dig into more advanced programming.

SAS OnDemand for Academics gives you the means to advance your analytical skills to secure your future.

## The Solution

SAS OnDemand for Academics provides free access to SAS statistical analysis, data mining and forecasting software in the cloud – as well as teaching and learning resources. The solution is designed for professors to teach students analytics, but it's also great for researchers and independent learners.

The processing takes place on a secure hosted server and results are returned to the user immediately. Access the software from any location at virtually any time where a high-speed Internet connection can be established. SAS secures the data for you.

This offering is part of SAS Analytics U, designed to close the analytics skills gap by making SAS more accessible to students, professors, researchers and independent learners. By joining the interactive SAS Analytics U community, you can find valuable resources for teaching and learning SAS. You can connect with fellow SAS users to ask questions, share ideas and best practices, collaborate on projects and get peer support. We also have great tutorials and other ways to interact with users through social media channels to help stay connected.

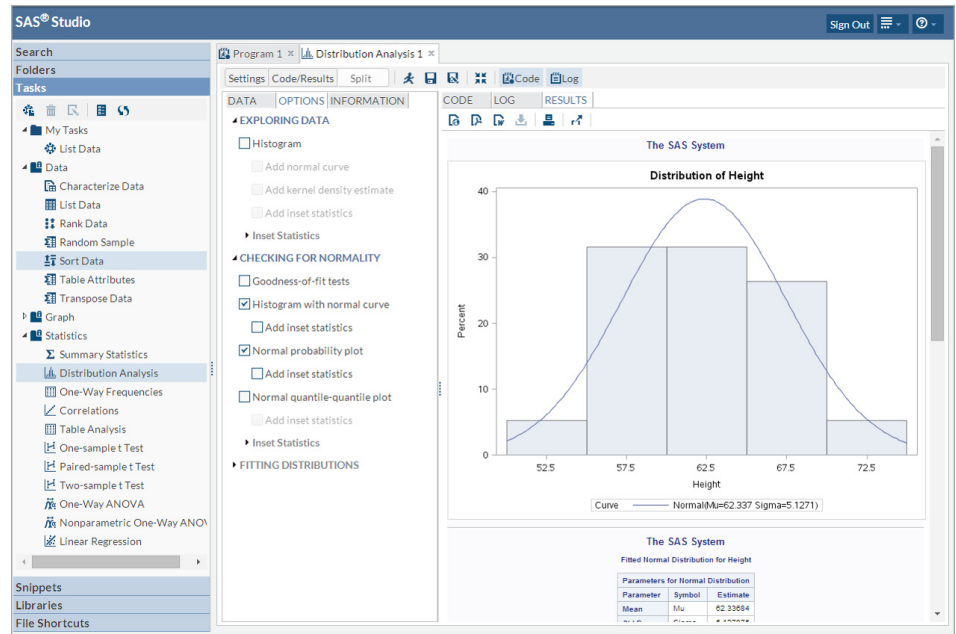
## Capabilities

Multiple SAS applications are made available for learning and applying analytics. On large or small volumes of data, students can study data analysis, statistics, research methods, math, economics, data mining, modeling comparisons, data exploration, data visualization and graphical reporting – all in a dynamic and visual environment through a web interface. Included in the bundle are:

- SAS® OnDemand for Academics: Studio
- SAS® OnDemand for Academics: Enterprise Guide®
- SAS® OnDemand for Academics: Enterprise Miner™
- SAS® OnDemand for Academics: Forecast Server

### SAS® OnDemand for Academics: Studio

- The SAS Studio user interface allows you to access the power of SAS Analytics simply by connecting to a website.
- Teach or learn SAS skills using traditional SAS programming windows (Program Editor, Log, Output).
- Create new or upload existing SAS program files.
- Use the predefined tasks to generate SAS code.
- Submit code from a wide range of devices, from wherever they happen to be.
- Access other SAS software, including:
  - SAS/STAT® - World-renowned statistical software.
  - Base SAS - Flexible, extensible fourth-generation programming language for data access, transformation and reporting.
  - SAS/IML® - Interactive matrix programming and exploratory data analysis.
  - SAS/OR® - Enhanced operations research methods to optimize processes and address management science challenges.



Using SAS Studio, auto-complete increases developer efficiency and reduces coding errors.

- SAS/QC® - A set of tools for statistical quality improvement.
- SAS/ETS® - Econometric and time series analysis to model, forecast and simulate processes.

### SAS® OnDemand for Academics: Enterprise Guide®

- Teach or learn SAS skills using traditional SAS programming windows (Program Editor, Log, Output).
- Uncover trends, identify issues or summarize findings on large or small volumes of data through an easy, point-and-click interface.

- Use reporting features to share and publish results on a Windows client using a web browser interface.

### SAS® OnDemand for Academics: Enterprise Miner™

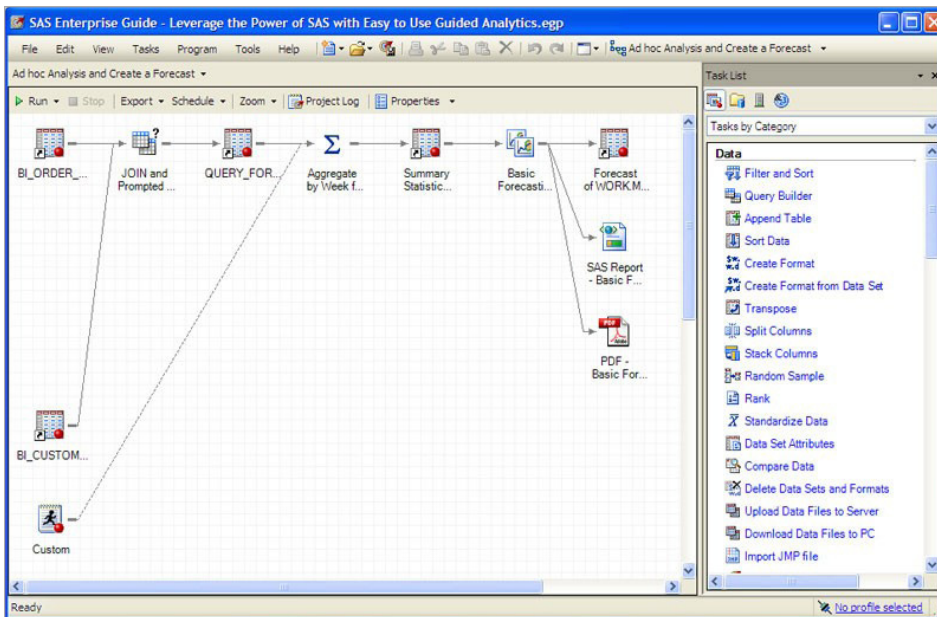
- Take advantage of support for data preparation and exploration, data mining, modeling comparisons and more.
- Create and apply accurate predictive and descriptive models to large or small volumes of data.
- Build and train your models with an interactive graphical user interface that makes it easy to visualize data mining activities and results.

By 2018 demand for workers skilled in analytics could outpace supply by 60 percent – or 1.6 million jobs – according to a McKinsey Global Institute study. What’s more, a recent Monster.com article, “Job Skills That Lead to Bigger Paychecks,” named SAS as the skill that nets the biggest paycheck.

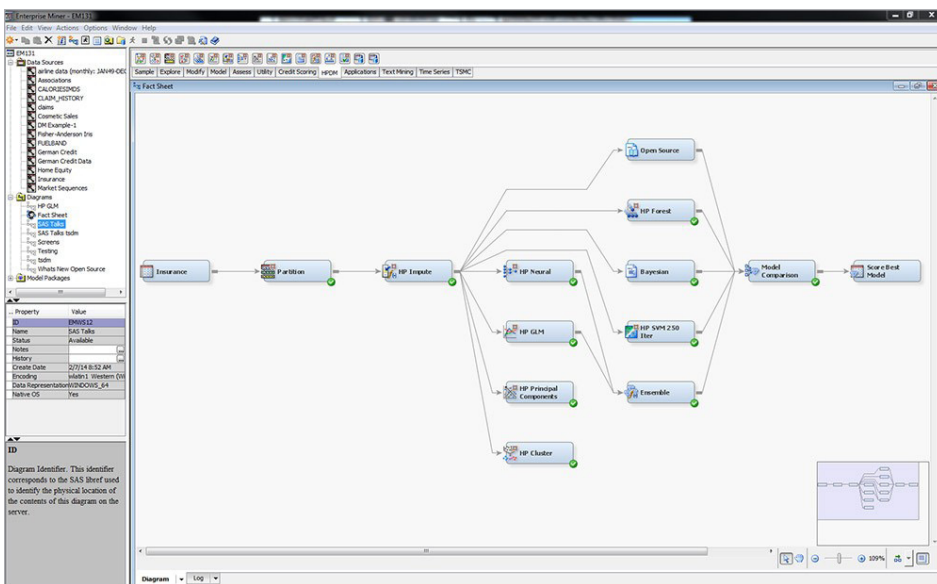
## SAS® OnDemand for Academics: Forecast Server

- Teach and learn forecasting concepts efficiently with an easy-to-use graphical user interface that can support novices as well as more experienced forecasters.
- Gain access to high-quality, statistically based, reliable forecasts without being an analytic forecaster.

- Learn how to choose the most appropriate forecasting model for a problem, incorporate what-if analyses and improve forecasting performance.



SAS Enterprise Guide provides an easy-to-use interface to access the power of SAS.



Quickly generate predictive models with an easy-to-use GUI for building process flow diagrams.

## The SAS® Difference

- **Free access to SAS Analytics software.** SAS software can be accessed for free to use in statistics and quantitative methods classes and for research in a variety of areas: economics, psychology and other social sciences, computer science, business, medical/health sciences, engineering, etc.
- **Connect from anywhere.** Software is accessed over the web, so there's no need to buy large-scale hardware, dedicate university IT staff or perform complex configurations to get up and running. All you need is a broadband connection, and all the analytical processing is done in the cloud.
- **Professors have an innovative option for using software to teach analytics.** Professors can teach analytics using multiple software applications - without spending time on maintenance or IT support.
- **SAS has been used in universities across the US for almost 40 years.** Universities often find it challenging to implement the on-campus technology infrastructure that's needed by students and faculty for learning and teaching. SAS OnDemand for Academics was created as an innovative way to access SAS - without the burden of additional IT overhead.

To learn more about SAS OnDemand for Academics, download white papers, view screenshots and see other related material, please visit [sas.com/academics](http://sas.com/academics).

