# **Installing SAS with Enterprise Miner and Text Miner**

SAS is a complex product. The number of features available in it can be daunting to those unfamiliar with it. The good news is that the installation process is fairly strait forward if you already know what features you wish to use. It just takes a while. This page documents how to install SAS Foundation, the core features of SAS, along with Enterprise Miner and Text Miner, additional features that are commonly used in data analysis.

## **Getting Started**

#### What you need:

- A copy of the current 4 DVD Installation Set available through the University Software Distribution Service. This is a custom set that includes installation files for SAS products the university has licensed from SAS Corporation. Disk 1 also includes a license file good for the current fiscal year (September 1 through August 31). Please visit http://www.utexas.edu/its/products/sas/ for more information about acquiring this media set.
- 2. A Windows environment. SAS is unavailable on Mac. To use SAS on a Mac you will need to install a virtual Windows computer.
- 3. Approximately 10 GB of free disk space.
- 4. About a half hour of time. Installing SAS takes a while.

### Installing the Software

Begin by inserting Disk 1 and launching setup.exe. This launches the SAS Deployment Wizard. The wizard will ask what language you wish the
process to use. Select whatever language you wish. The default is English, and all examples here are taken from the English language setup.
You will then be prompted to select a deployment task. Select "Install SAS Software." That will probably not be the default selection, so be sure to
make sure it is checked before continuing.

S SAS Deployment Wizard	
Select Deployment Task	
Select the deployment task you would like to perform.	
End User Tasks	
(• Install SAS software	
Choose this option to install SAS software on this machine.	
Administrator Tasks	
C <u>Create or Add to a SAS Software Depot</u>	
Choose this option to copy this order from the media to a new or existing SAS Software Depot.	
Help	Next > Cancel
<u>Tich</u>	

2. When prompted for the deployment type, you should select "Install SAS Foundation and Related Software".



3. The "Products to Install page" is the most important page for a SAS installation. This is where you choose the specific main SAS components you wish to install. In this case, you should select three products to install:

#### SAS Foundation SAS Enterprise Miner Workstation Configuration

SAS Text Miner Workstation Configuration

These selections will install all Enterprise Miner and Text Miner components required to run those products on your computer. You do not need to install any other product with *Enterprise Miner* or *Text Miner* in the name.

SAS Deployment Wizard		x
Select Products to Install Select the products you want to install on this machine.		
Products to install: SAS Foundation and related software		<b>T</b>
Product	Info	$\Box$
SAS Drivers for JDBC		<b>A</b>
SAS Drivers for ODBC		
🗖 SAS Enterprise Guide		
🔲 SAS Enterprise Guide Server Data		
🔲 SAS Enterprise Miner Client		
SAS Enterprise Miner JAR Files		
SAS Enterprise Miner Workstation Configuration		
SA Foundation		
SAS Foundation Services		
SAS Framework Data Server		
SAS Help Viewer for the Web		
🔲 SAS Information Map Studio		
SAS Integration Technologies Client		-
Select All		
Help < Back Next >	Cance	1

SAS Deployment Wizard	- 0 ×
Select Products to Install	
Select the products you want to install on this machine.	
Products to install: SAS Foundation and related software	¥
Product	Info
SAS Shared Services	<b></b>
🗆 SAS Simulation Studio	
SAS SQL Library for C	
🗆 SAS Staging Utility Mid Tier	
SAS Staging Utility Server Tier	
SAS Structural Equation Modeling for JMP	
SAS Text Miner Client	
🛛 🗹 SAS Text Miner Workstation Configuration	
SAS Threaded Kernel Extensions for Data Mining	
SAS Threaded Kernel Extensions for SAS Text Analytics	
🗖 SAS Universal Viewer	
SAS Web Application Themes	
SAS Web Infrastructure Platform	*
Select All	
Help < Back Next >	Cancel

4. When prompted in the next dialog box to select the SAS Foundation sub-products you want, we recommend that you select all products. This will ensure you have all elements of SAS Foundation.

S SAS Deployment Wizard
Select SAS Foundation Products Further customize the software by selecting the SAS Foundation products to install.
Select the SAS Foundation products to install.
<ul> <li>BASE Infrastructure to support Hadoop</li> <li>Base SAS</li> <li>SAS Accelerator Publishing Agent for Aster nCluster</li> <li>SAS Accelerator Publishing Agent for DB2</li> <li>SAS Accelerator Publishing Agent for Greenplum</li> <li>SAS Accelerator Publishing Agent for Netezza</li> <li>SAS Accelerator Publishing Agent for Oracle</li> <li>SAS Accelerator Publishing Agent for Teradata</li> <li>SAS Data Mining Scoring</li> <li>SAS Integration Technologies</li> <li>SAS Network Algorithms</li> <li>SAS OLAP Server</li> </ul>
Select All
<u>H</u> elp Cancel

5. The next page prompts you to browse for the installation data file. This a file that lists the UT licensed products, a license key for those products, and an expiration date for that license key. You can find that file in the sid\_files directory on the root of Disk 1.

SAS Deployment Wizard	the second second second		
Specify SAS Installation Data File			
Specify the full path to your SAS insta	llation data file.		
Disk1\sid_files\SAS93_99MM62_70080468	_Win_X64_Wrkstn.txt	[	Bro <u>w</u> se
Details of the selected SAS installation da	ta file:	_	
Deschurth, SASO 2			<b></b>
Product: SAS 9.3 Platform: Microsoft Windows Workstati	on for x64		-
Order: 99MM62	011101.004		
Licensed SAS Foundation Software	Expiration Date		
Base SAS	30AUG2013		
Education Analytical Suite	30AUG2013		
SAS Bridge for ESRI	30AUG2013		
SAS Enterprise Guide	30AUG2013		
SAS Enterprise Miner Personal Client	30AUG2013		
SAS Integration Technologies	30AUG2013		
SAS Text Analytics for Spanish	30AUG2013		
SAS Text Miner Personal Client	30AUG2013		
SAS/ACCESS Interface to Aster nCluster	30AUG2013		
SAS/ACCESS Interface to DB2	30AUG2013		-
	2011/20012		
Help		< Back Next >	Cancel
P		2000 1000	

- 6. You will then be asked what language packs you would like available in your SAS products. English is always available and cannot be unselected. Following that, you can set what regional settings you prefer. We recommend keeping the defaults.
- 7. SAS requires Java. When prompted to specify your Java installation we recommend you allow SAS to install its preferred Java Runtime Environment.

S SAS Deployment Wizard		
Select Java Runtime Environment Select a Java Runtime Environment to use with SAS software.		
The SAS products being installed require a Java Runtime Environment	t.	
View Information About Supported Java Runtime Environment Versions		
• Use the recommended Java Runtime Environment		
This option ensures that your SAS software is running with the version of the Java Runtime Environment that is recommended by SAS.		
C Select an existing Java Runtime Environment		
The Java Runtime Environment specified below will be used for SAS software on this machine.		
1		Bro <u>w</u> se
Help	< <u>B</u> ack <u>N</u> ext >	Cancel

8. Because you selected Text Miner Workstation Configuration, SAS will also install a component called Document Conversion service. When prompted for the Document Conversion Host and Port accept the default selections.

S SAS Deployment Wizard	
Specify SAS Document Conversion Host and Port	00
Specify connection information for SAS Document Conversion.	
H <u>o</u> st Name:	
[your computer name shows up here]	
Port Number:	
7111	
Help	< <u>B</u> ack <u>N</u> ext > Cancel

9. The SAS Deployment Wizard will now check that you have enough disk space and begin installing the options you have selected. This process should take 15- 30 minutes depending on your computer's performance. You will receive some dialog boxes showing the progress of the installation, and you will be prompted to insert additional disks. Just follow the process through to completion.