

SAS® Studio

These instructions will guide you through the registration SAS® OnDemand for Academics, accessing the SAS® Studio and the testing of you SAS® OnDemand access inside of the SAS® Studio.

Working with SAS® Studio

The SAS® Studio does not require any software installation. Users are able to use their SAS® OnDemand for Academics from multiple browsers and Operating systems. After you have successfully registered for your SAS® OnDemand account, you will use the SAS® Studio to connect to the SAS servers that are used for the course. In order to properly utilize SAS with this method you must:

1. Register to use SAS® OnDemand for Academics.
2. Access the SAS® Studio.
3. Test you SAS® OnDemand access in the SAS® Studio

Step One: Registering to use SAS® OnDemand for Academics

The user account will allow students to register for courses and access the servers used by SAS® OnDemand for Academics. Accounts will take fifteen minutes to one hour to activate depending on how busy the SAS server is.

We are Northwestern University – Evanston Campus

Student Registration

Note that all PREDICT 410 Courses are currently utilizing the same content and SAS library. To enroll in a course, Students will need the ‘enrollment link’ sent by the course instructor.

1. Create SAS® OnDemand for Academics Account:
 - a. <https://support.sas.com/ctx3/sodareg/index.html?execution=e1s1>
2. Email Activation will be sent to your Registered Email Account
3. After completing registration process, your SAS® OnDemand Academics user ID will be created for you. This is the user ID that you will need to login to the SAS® Studio
4. To request access to the PREDICT 410 data environment (PREDICT 410 – BHATTI) click the following link:

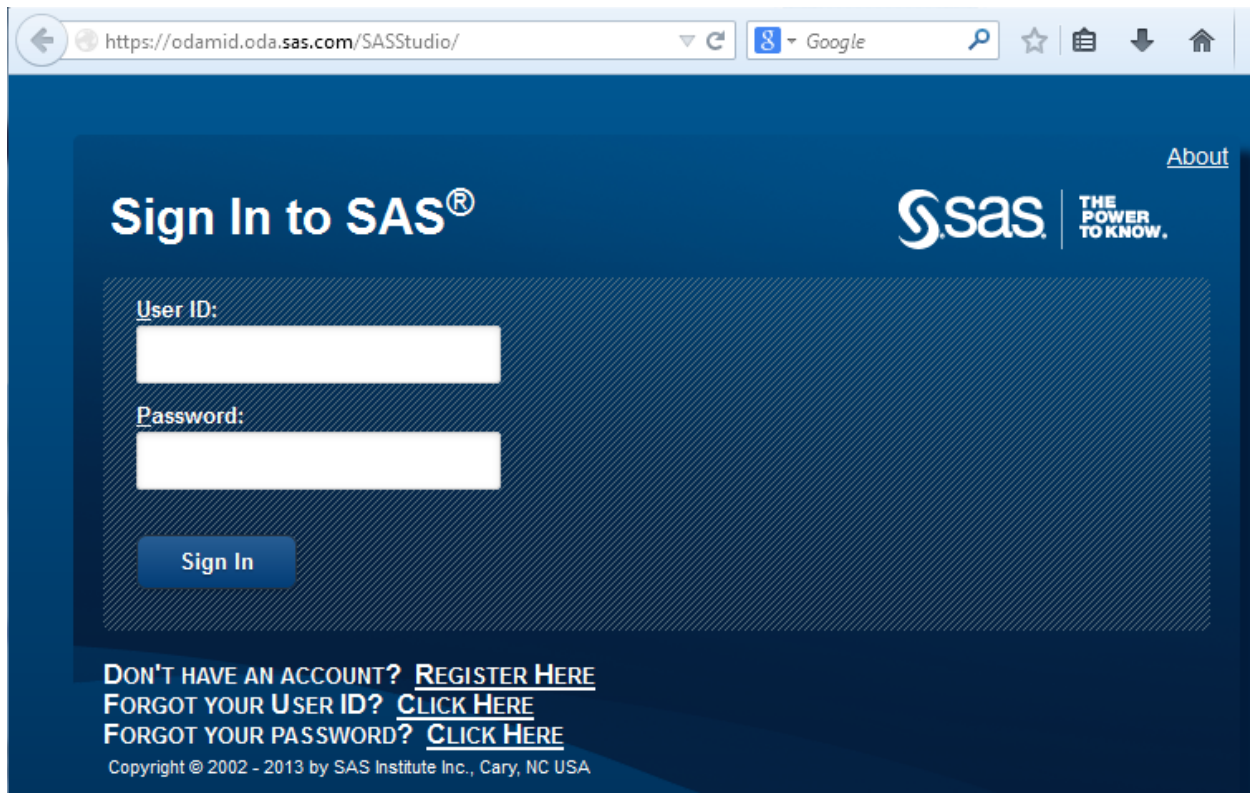
<https://odamid.oda.sas.com/SASODAControlCenter/enroll.html?enroll=4fb1a039-7c51-4b68-9036-f32cc53371f9>

SAS® Studio

Step Two: Access the SAS® Studio

This step is performed each time that you want to access the SAS® Studio. You will need to use the User ID and Password that was created during your Student Registration in Step One.

1. Access SAS® Studio
 - a. <https://odamid.oda.sas.com/SASStudio/>
2. Login with User ID and Password



The screenshot shows a web browser window with the address bar displaying <https://odamid.oda.sas.com/SASStudio/>. The page content includes the SAS logo and the slogan "THE POWER TO KNOW." in the top right corner, with an "About" link. The main heading is "Sign In to SAS®". Below this, there are two input fields: "User ID:" and "Password:". A blue "Sign In" button is positioned below the password field. At the bottom of the page, there are three links: "DON'T HAVE AN ACCOUNT? REGISTER HERE", "FORGOT YOUR USER ID? CLICK HERE", and "FORGOT YOUR PASSWORD? CLICK HERE". The footer text reads "Copyright © 2002 - 2013 by SAS Institute Inc., Cary, NC USA".

SAS® Studio

Step Three: Testing your SAS OnDemand access in the SAS® Studio

Now we will test your access inside of the SAS® Studio. There are two programs below that will be used to test submitting programs and accessing the Course Library.

Part 1: Running a Sample Program

Copy and Paste the code below and click the 'Run' button to execute the program



```
TITLE "SAS SAMPLE PROGRAM";

DATA SAMPLE;
  INPUT SAT 1-5 GPA 6-9;
  LABEL SAT="HIGH SCHOOL SAT"
        GPA="COLLEGE GPA";
  DATALINES;
1480 3.12
1650 3.22
1790 3.44
1870 3.25
1950 3.50
2030 3.85
2090 3.01
2160 3.15
2240 4.00
2370 3.45
;
RUN;

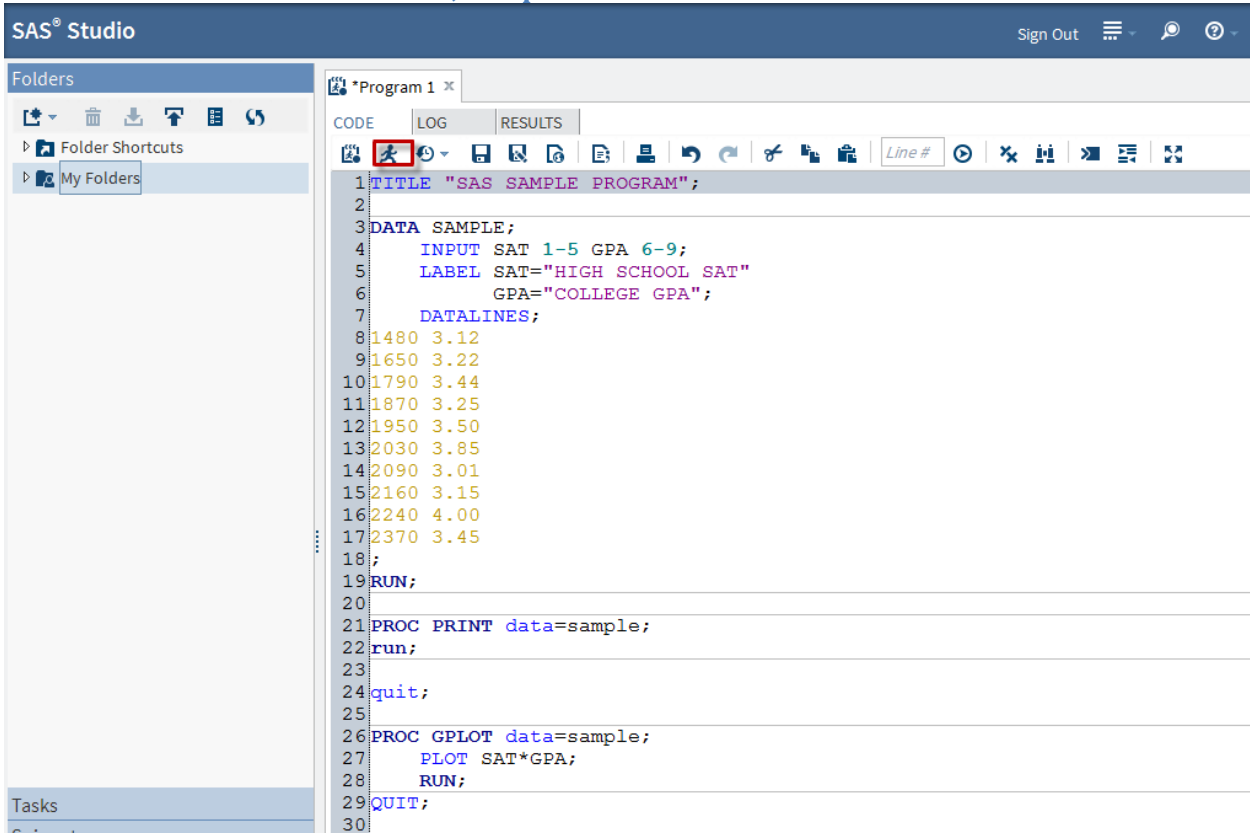
PROC PRINT data=sample;
run;

quit;

PROC GPLOT data=sample;
  PLOT SAT*GPA;
  RUN;
QUIT;
```

SAS® Studio

Screen Shot shows the SAS Studio, Sample Code and Run Button.

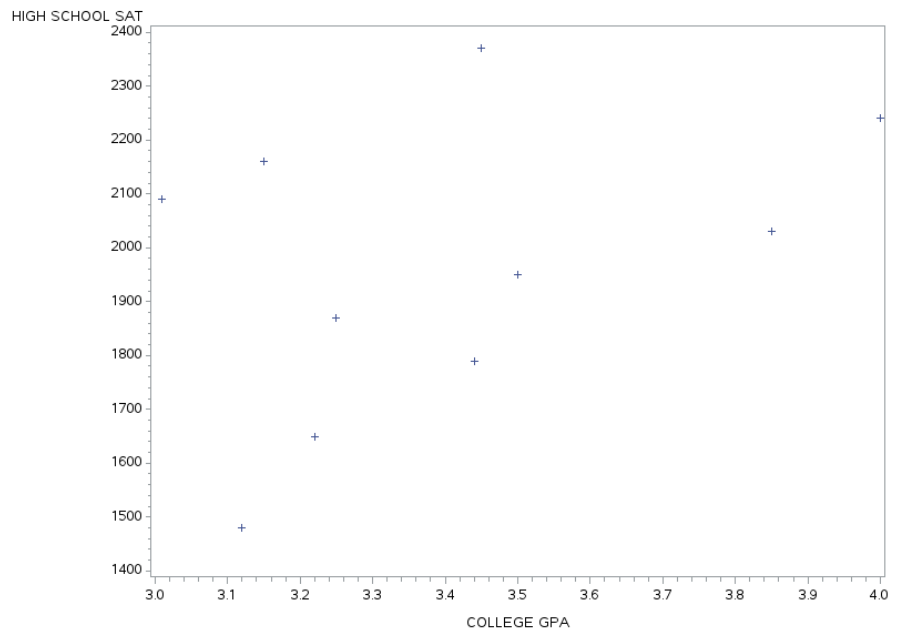


The Program will produce the following output in the 'Results' tab.

SAS SAMPLE PROGRAM

SAS SAMPLE PROGRAM


Obs	SAT	GPA
1	1480	3.12
2	1650	3.22
3	1790	3.44
4	1870	3.25
5	1950	3.50
6	2030	3.85
7	2090	3.01
8	2160	3.15
9	2240	4.00
10	2370	3.45



SAS® Studio

Part 2: Accessing the PREDICT 410 SAS Library

Now we will access the SAS library and data sets in order to test your student registration.

Copy and Paste the code below and click the 'Run' button . You will have to update the code with your user name and class information inside of the libname statement.

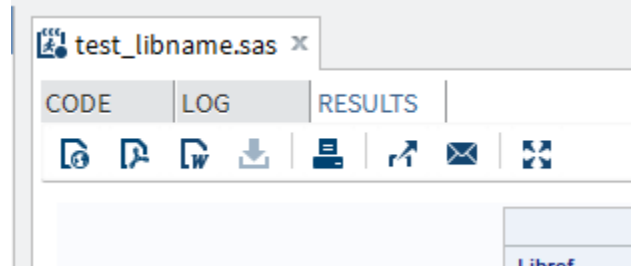
* Test new libname location for use with SAS Studio;

```
libname mydata      '/courses/d6fc9ae5ba27fe300/c_3505/SAS_Data/' access=readonly;
```

```
proc datasets library=mydata; run; quit;
```

```
proc print data=mydata.anscombe; run; quit;
```

The Program will produce the following output in the 'Results' tab. Students should also not the different capabilities of downloading SAS output. The Word icon will download the SAS output to your local machine in a Word document format. This format will be beneficial for writing homework reports.



SAS® Studio

Directory	
Libref	MYDATA
Engine	V9
Access	READONLY
Physical Name	/courses/d6fc9ae5ba27fe300/c_3505/SAS_Data
Filename	/courses/d6fc9ae5ba27fe300/c_3505/SAS_Data
Inode Number	10224098
Access Permission	rw-rw-r-x
Owner Name	chadrbhatti
File Size (bytes)	4096

#	Name	Member Type	File Size	Last Modified
1	AMES_HOUSING_DATA	DATA	1966080	06/27/2014 13:17:51
2	ANSCOMBE	DATA	139264	07/02/2012 13:41:20
3	BENIGN_BREAST_DISEASE	DATA	139264	07/02/2012 13:41:21
4	BUILDINGPRICES	DATA	149504	01/21/2013 21:56:15
5	BUILDING_PRICES	DATA	139264	07/02/2012 13:41:21
6	BUTTERFLY_COLONIES	DATA	262144	12/07/2012 21:52:06
7	CHILD_AGE_HEART_DISEASE	DATA	139264	07/02/2012 13:41:21
8	CIGARETTE_CONSUMPTION	DATA	139264	07/02/2012 13:41:21
9	CREDIT_APPROVAL	DATA	139264	07/02/2012 13:41:21
10	DECATHLON	DATA	262144	02/05/2014 21:43:14
11	DOG_MANDIBLE_MEASUREMENTS	DATA	262144	12/07/2012 21:52:07
12	EASY_PENTRAIN_2	DATA	1344512	08/22/2014 21:55:37
13	EGYPTIAN_SKULLS	DATA	262144	12/07/2012 21:52:07
14	EGYPTIAN_SKULLS	DATA	262144	12/06/2012 22:11:16
15	EUROPEAN_EMPLOYMENT	DATA	262144	12/07/2012 21:52:07
16	FACTOR_DATA	DATA	393216	09/08/2012 04:13:43
17	FEMALE_SPARROWS	DATA	262144	12/07/2012 21:52:07
18	FINANCIAL_RATIOS	DATA	139264	07/02/2012 13:41:21

SAS® Studio

Obs	Y1	X1	Y2	X2	Y3	X3	Y4	X4
1	8.04	10	9.14	10	7.46	10	6.58	8
2	6.95	8	8.14	8	6.77	8	5.76	8
3	7.58	13	8.74	13	12.74	13	7.71	8
4	8.81	9	8.77	9	7.11	9	8.84	8
5	8.33	11	9.26	11	7.81	11	8.47	8
6	9.96	14	8.10	14	8.84	14	7.04	8
7	7.24	6	6.13	6	6.08	6	5.25	8
8	4.26	4	3.10	4	5.39	4	12.50	19
9	10.84	12	9.13	12	8.15	12	5.56	8
10	4.82	7	7.26	7	6.42	7	7.91	8
11	5.68	5	4.74	5	5.73	5	6.89	8