

# Software Visuali per Analisi Avanzate

Corso sostitutivo di Tirocinio

# Calendario Modulo 2

Giorno	Durata	Argomenti
Venerdì 30/04	2	Presentazione del Corso Dati Strutturati, semi-strutturati e non strutturati Software da installare per il corso
Giovedì 6/5	4	Database relazionali MySQL Database, Tabelle, Righe, Colonne Linguaggio SQL: Introduzione, Select, Where,
Venerdì 7/5	2	I sistemi informativi aziendali - Ospite
Giovedì 13/5	4	Linguaggio SQL: Inner Join, Left Join, Right Join, Order By Linguaggio SQL: Query di aggregazione Cenni su Indici Cenni sulle DDL
Venerdì 14/5	2	Esercitazione Finale SQL
Giovedì 20/5	4	Introduzione a SAS Studio Struttura di un programma SAS Programmazione SAS
Venerdì 21/5	2	Programmazione con Sas
Giovedì 27/5	4	SAS Esercitazione finale SAS Da definire



# Comunicazioni di servizio

- Link Slide del corso
  - <https://github.com/valerio75/Software-Visuali-per-Analisi-Avanzate-2020-2021>
- Elaborati Moduli 1 completi
- Proposta Spostamento Lez. del 27/05
  - 29/5 oppure 3/6

# Sommario

Iscrizione a Sas Programming

Ambiente e-learning

Accesso a SAS Studio

Programmazione con SAS

SAS Studio

Struttura di un programma SAS




# Inscrizione al portale SAS

- Dovrebbe essere già configurata per tutti
- La procedura è descritta nelle slide della lezione 6 del Modulo 1
  - Nelle slide dalla 4 alla 10

# Iscrizione al corso e-learning SAS Programming 1: Essentials




- Andare al link: <https://support.sas.com/edu/viewstraining?isbn=978-1-951686-18-5>
- Inserire Userid e Password ottenuti dalla registrazione sul portale di SAS
- Si avrà accesso alla pagina di SAS Programming 1: Essentials
- Se si aprisse altra pagina, cliccare di nuovo sul link:  
<https://support.sas.com/edu/viewstraining?isbn=978-1-951686-18-5>

 Virtual Learning Environment

English - United States (en\_us) ▾

SAS Programming 1: Essentials

 Dashboard / Courses / SAS Programming 1: Essentials / Enroll me in this course / Enrollment options

Enrollment options

- Andare in fondo alla pagina e cliccare su: Enroll Me

- **Formazione SAS**

- › Benvenuto
- › Calendario Corsi
- › Certificazioni SAS
- › Offerta Formativa
- › Promozioni e Sconti
- › Centri di Formazione
- › Termini e condizioni

- **SAS Books**

## My Training

### Activate Your Product(s)

Listed below you will find the product(s) you can activate. Once you accept the license agreement and click submit, you will be able to access your products at any time using the "My Training" link as long as you are logged in using your SAS profile. If you want to use a different profile, save the activation code and come back to this page when you are ready to activate.

- **SAS® Programming 1: Essentials**

### License Agreement

Importante: Leggi termini e condizioni [License Agreement](#) ("Agreement") prima di selezionare la casella "Accetto". Selezionando la casella, accetti di rispettare i termini e le condizioni. Se non si accettano tutti i termini dell'accordo, non selezionare la casella "Accetto".


☒ **Yes, I accept the License Agreement**

You must accept the License Agreement in order to complete your activation of any training items.

**Submit**





- A questo punto si ha accesso all'e-learning

 Virtual Learning Environment

English - United States (en\_us) ▾


# SAS Programming 1: Essentials

 Dashboard /  My courses / SAS Programming 1: Essentials

## Course Description



This course is for users who want to learn how to write SAS programs to access, explore, prepare, and analyze data. It is the entry point to learning SAS programming for data science, machine learning, and artificial intelligence. It is a prerequisite to many other SAS courses.

[More . . .](#)



Your progress 

Mouse over or touch bar for info.

## Lessons

 Course Overview and Data Setup (REQUIRED) 

**Important:** You **must** perform the data setup at the end of the Course Overview to create the files for this course.

 Lesson 1: Essentials 

## Free Software to Practice

- [SAS OnDemand for Academics \(cloud\)](#)
- [SAS® University Edition \(download vApp\)](#)


- Focus sul materiale del corso

▼ Course Materials

**NOTE:** If you would like to print only the practices and/or solutions, access the **Bookmarks** panel in the course PDF. Expand the **Demo, Practice & Solution** section. Hold down the Ctrl key and select the **practices and/or solutions** links, then right-click and select **Print Page(s)**.

 SAS Programming 1: Essentials Course Notes



 SAS Programming 1: Essentials Course Data



 Lesson Quizzes



 SAS Programming 1: Essentials Course Notes (French)



► Case Study

► Supplemental Lessons

▼ Syntax Help

 Lesson 1 Syntax Review: Essentials



 Lesson 2 Syntax Review: Accessing Data



 Lesson 3 Syntax Review: Exploring and Validating Data



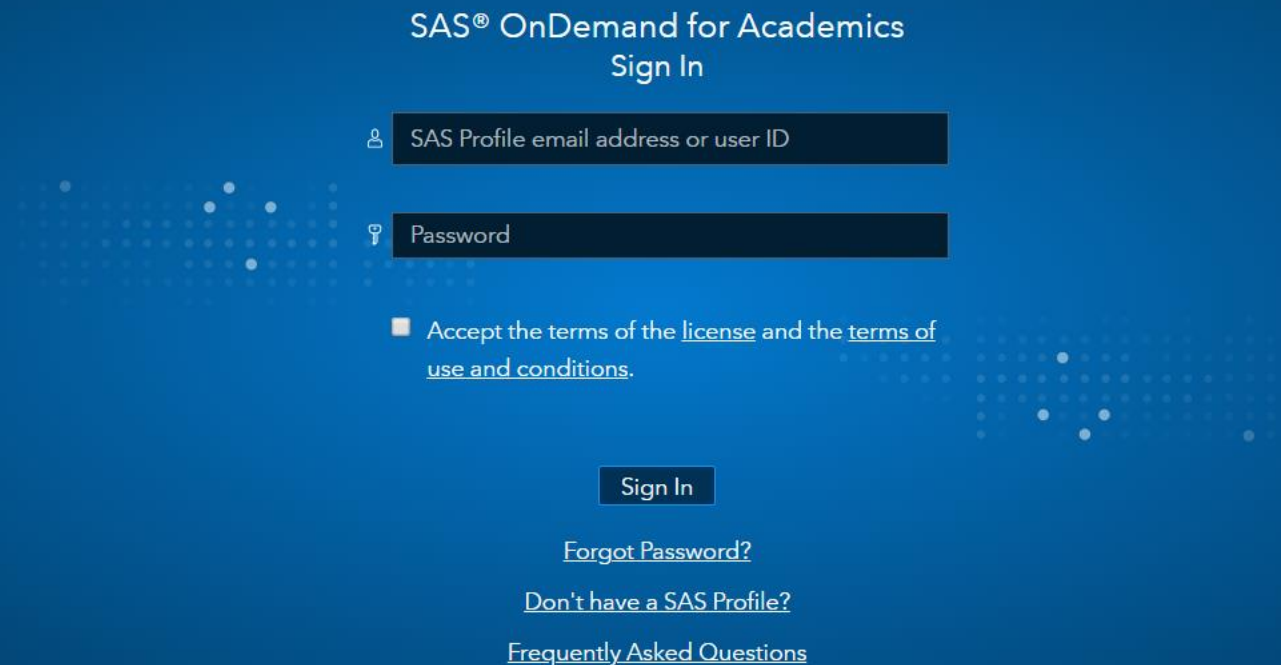
 Lesson 4 Syntax Review: Preparing Data



# Iscrizione al corso SAS Programming 1: Attivazione di SAS Studio



- Cliccare sul link: <https://odamid-euw1.oda.sas.com/SASLogon/login>
- Inserire Userid e Password del proprio profilo SAS
- Se non funzionasse, Provare a recuperare la Password con il link apposito



The screenshot shows the SAS OnDemand for Academics Sign In page. The background is a dark blue gradient with a subtle pattern of white dots. The text is white. The page title is 'SAS® OnDemand for Academics Sign In'. Below the title are two input fields: 'SAS Profile email address or user ID' and 'Password'. Below the input fields is a checkbox labeled 'Accept the terms of the [license](#) and the [terms of use and conditions](#)'. Below the checkbox is a 'Sign In' button. At the bottom of the page are three links: 'Forgot Password?', 'Don't have a SAS Profile?', and 'Frequently Asked Questions'.

SAS® OnDemand for Academics  
Sign In

☐ Accept the terms of the [license](#) and the [terms of use and conditions](#).

[Sign In](#)

[Forgot Password?](#)

[Don't have a SAS Profile?](#)

[Frequently Asked Questions](#)

- Cliccare su SAS Studio

The screenshot shows the SAS OnDemand for Academics Dashboard. At the top, it says "SAS® OnDemand for Academics Dashboard". Below this are two buttons: "Planned Events" and "Notices". A navigation bar contains "Applications", "Enrollments", and "Courses". The "Applications" section is active and contains a list of applications. The first application, "SAS® Studio", is circled in red. It includes an icon of a document with a SAS logo, the text "Write and run SAS code with a Web-based SAS development environment.", and an action link "Clear my saved tabs.". Below this, there is a section titled "Other Ways to Access SAS® OnDemand for Academics Resources" with a "SASPy access to SAS® hosted servers" link and a brief description. On the right side, there is a "Reference" section with links to "Frequently Asked Questions", "SAS OnDemand for Academics Support", and "Contact Technical Support". Below that is a "Quotas" section with a "learn more" link and a progress bar for "Home Directory" showing 0% usage of 0.1MB/5120MB.

SAS® OnDemand for Academics  
Dashboard

Planned Events Notices

Applications Enrollments Courses

**SAS® Studio**  
Write and run SAS code with a Web-based SAS development environment.  
**Actions:** [Clear my saved tabs.](#)

Other Ways to Access SAS® OnDemand for Academics Resources

**SASPy access to SAS® hosted servers**  
Use Python applications to run SAS® from the SAS OnDemand for Academics hosted environments. ([Configuration Steps Required](#))

**Reference**  
[Frequently Asked Questions](#)  
[SAS OnDemand for Academics Support](#)  
[Contact Technical Support](#)

**Quotas** ([learn more](#))  
Home Directory (0.1MB/5120MB)  
0%

## ▼ File e cartelle del server



odaws01-euw1

- ▶ Collegamenti di cartelle
- ▶ File (Home)

- ▶ Processi e utilità
- ▶ Frammenti di codice
- ▶ Librerie
- ▶ Collegamenti ai file

Programma 1 x

CODICE

LOG



Riga n.



1

RISULTATI



▶ Sommario

UTF-8



# Link per accedere a SAS Programming Essential

- Accesso all'e-learning e risorse (link diretto: <https://vle.sas.com/course/view.php?id=6856>)
- Accesso a Sas Studio (link diretto: <https://odamid-euw1.oda.sas.com/SASStudio/>)



# SAS Programming 1: Essentials

- L'ambiente SAS Studio
- Accessing Data
- Exploring and Validating Data
- Preparing Data
- Analyzing and Reporting on Data
- Exporting Results
- Using SQL in SAS





# SAS Programming Essentials

## **Prima di iniziare guardiamo un Overview dell'ambiente**

- Il materiale SAS di supporto al corso è disponibile nell'area e-learning di SAS al link: <https://vle.sas.com/course/view.php?id=5456>
- Tutte le slide commentate sono al link: <https://vle.sas.com/mod/resource/view.php?id=119297>
- Molto utile il Syntax Help

# Grazie per l'attenzione



<https://it.linkedin.com/in/valerio-morfino>



[vmorfino@unisannio.it](mailto:vmorfino@unisannio.it)

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