# **Project Based Learner Series**

Getting Started with Data and SAS



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Global Academic Programs and Certification

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# Who We Are



## **Global Academic Programs**

Meet the Instructors



Cristina Anton



Rachel McLawhon



Jackie Johnson



Tom Grant



#### **Global Academic Programs**

Our Mission: Empowering Analytics for Academics



www.sas.com/academics

We support the next generation by providing free software and resources for academia.

Our "customers" are students, educators, independent learners, and academic researchers.



## **Resources for Teaching and Learning**



#### **SOFTWARE**

- SAS® Viya® for Learners
- SAS® On Demand for Academics
- SAS® Viya® Workbench for Learners



#### **TRAINING**

- e-Learning
- How-to videos
- Onsite & virtual training



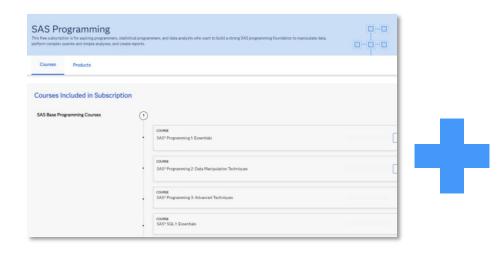
## EDUCATIONAL RESOURCES

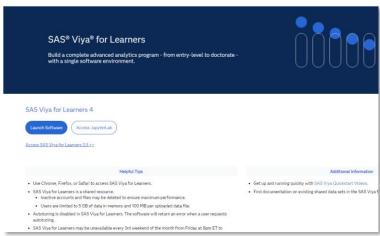
- Teaching materials
- Curriculum consulting
- Academic specializations
- SAS Educator Portal
- SAS Skill Builder for Students



#### **Outside of Class Time**

#### **Training and Practicing**







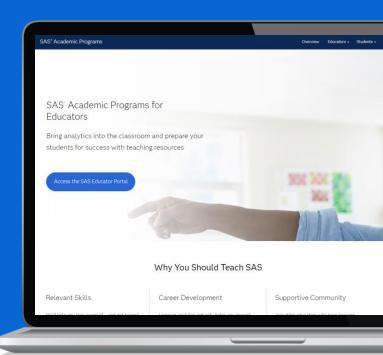
# Portals



#### **Educator Portal**

#### All-in-One Resource Center

- Free e-learning and software
- Certification paths and preparation materials
- Teaching materials
- Educator focused workshops & training
- Discounts & promotions

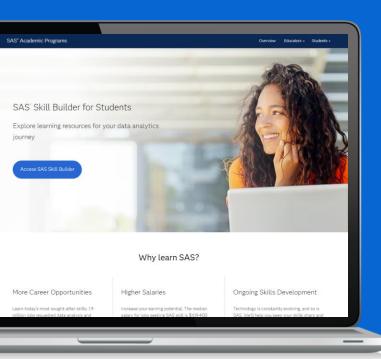






#### **SAS Skill Builder for Students**

#### Your future starts here

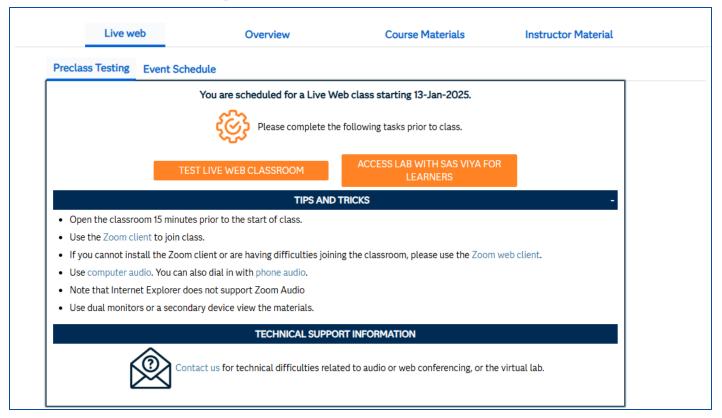


- Learn on your time
  - Free e-learning courses
  - Certification prep materials and exam discounts
- Free software
  - Three cloud-based options
- Stay motivated!
  - Early career resources
  - Discover why data analytics is a rewarding career path
  - Learn about what it means to be a data analytics professional
  - Connect with employers
- Cross-industry access
  - Analytical skills for any discipline

www.sas.com/skillbuilder

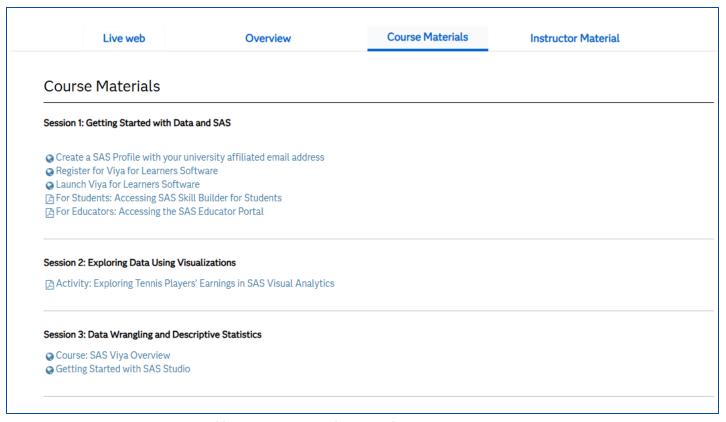


### **Launch Course Page**



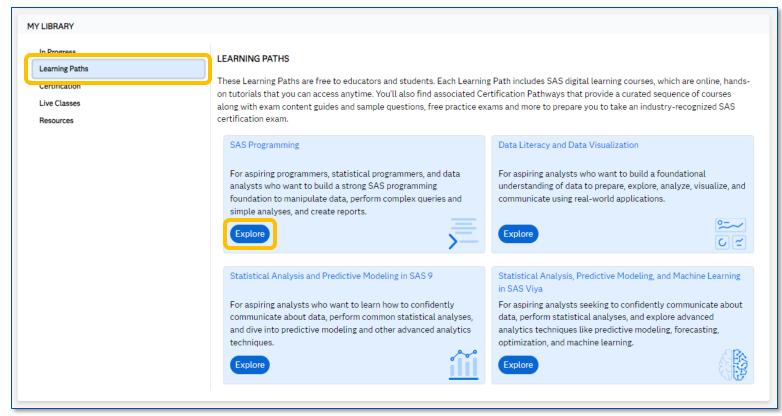


#### **Course Materials**





#### Free e-Learning Courses



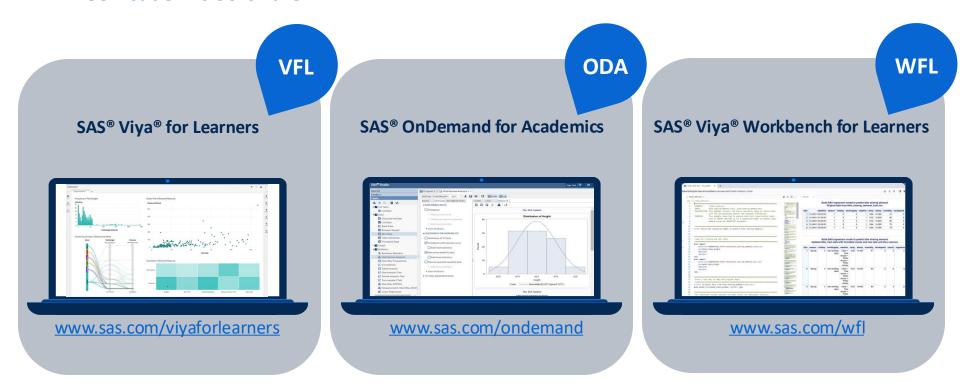


# Software

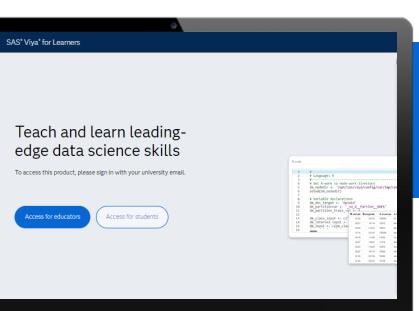


## **Software for Teaching and Learning**

Free Academic Software







#### **SAS Viya for Learners**

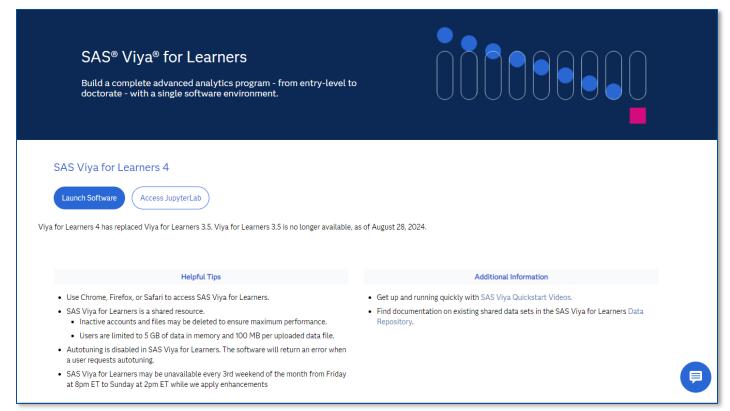
#### Free Software

- Free to students and faculty
- Cloud environment
- Use .edu email when registering
- Works best with Chrome browser
- Programming, visualization, modeling, and more!

www.sas.com/viya-learners



## **SAS Viya for Learners Launch Page**

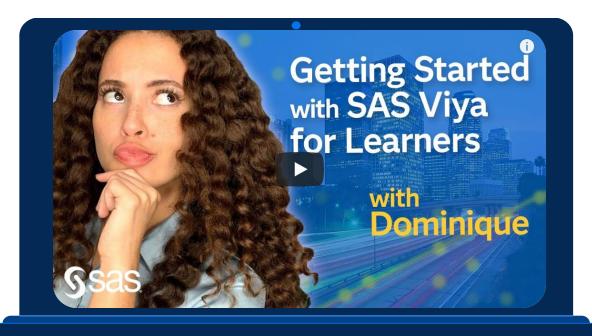


https://learn.sas.com/vfl



## **SAS Viya for Learners**

**Getting Started** 



https://www.youtube.com/watch?v=NRZPUs3tBM4



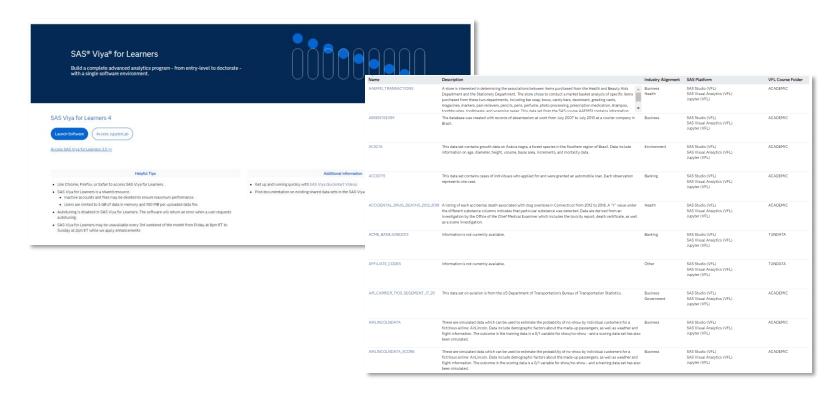
# Data Upload

Finding Data + Uploading Data



### **Viya for Learners Data Repository**

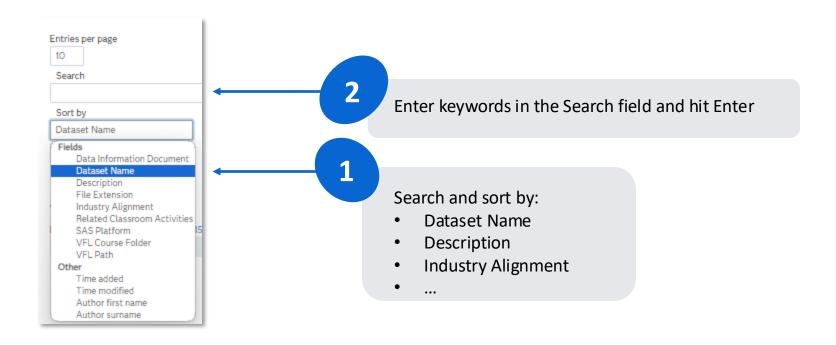
#### Over 200 data sets, 8 Industries





### **Viya for Learners Data Repository**

Searchable by Dataset Name, Industry...





### **Suggested Datasets by Industry**

Banking, Business





## **Suggested Datasets by Industry**

SIMPLE PATH

Government, Health, Technology

FOOD\_INSPECTIONS\_CHICAGO ACADEMIC This information is derived from inspections of restaurants and other food establishments in SAS Studio (VFL) SAS Visual Analytics (VFL) Chicago from January 1, 2010 to the present. Inspections are performed by staff from the Chicago Government Department of Public Health's Food Protection Program using a standardized procedure. The Jupyter (VFL) results of the inspection are inputted into a database, then reviewed and approved by a State of Illinois Licensed Environmental Health Practitioner (LEHP) Health ACCIDENTAL DRUG DEATHS 2012 2018 A listing of each accidental death associated with drug overdose in Connecticut from 2012 to 2018. A Health SAS Studio (VFL) ACADEMIC "Y" value under the different substance columns indicates that particular substance was detected. SAS Visual Analytics (VFL) Jupyter (VFL) Data are derived from an investigation by the Office of the Chief Medical Examiner which includes the toxicity report, death certificate, as well as a scene investigation. **Technology** 

Each row represents the page visitored by a vistor to a website. Contains details about the pages

completely made up.

visited, the order in which the pages were visited, and the purchase amount (if any). These data are

YVA285

SAS Studio (VFL)

Jupyter (VFL)

SAS Visual Analytics (VFL)

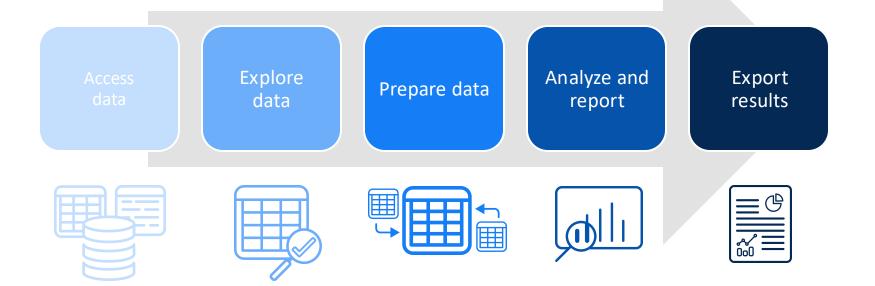
Business

Technology

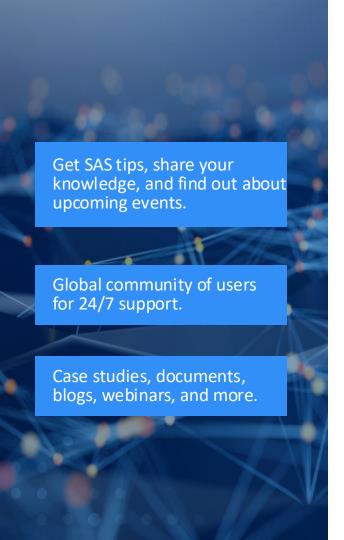
# Starting Our Journey...



## **Analytical Journey, Simplified**







#### SAS Communities

www.sas.com/communities

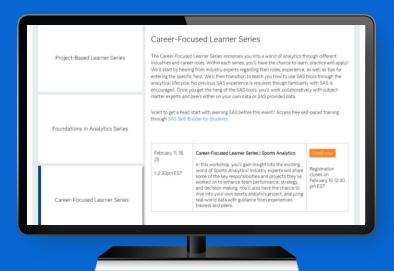
SAS Communities gives you immediate access to thousands of SAS users across the globe.

From learners to data professionals, the platform provides valuable connections and insights into real world problems and processes.

There is no data problem too obscure!



## **Free Academic Workshops**





www.sas.com/academicworkshops



### Things to do before tomorrow



Familiarize yourself with VFL



Get access to Skill Builder or Educator Portal



Upload your data!

