

LIVE WEBINAR

Tableau Prep in the Classroom



Today's Speaker!



KJ Kim

APAC Outreach Programs

Supporting the extended analytics community to leverage Tableau's Academic Programs & Tableau Public for their everyday analytical needs

The Tableau Academics Team!



Meagan Corbett
USCA



Midori Ng
USCA



Thierry Driver
EMEA



Dean David
USCA



KJ Kim
APAC

Tableau Academics Program

We provide free software for current instructors & students worldwide!

Instructors



Tableau Prep



Tableau Desktop



Tableau Online

Students



Tableau Prep



Tableau Desktop

Tableau for Teaching

Instructor License ([Request](#))

1 year key for class or for academic research

Course License ([Request](#))

- Lab License: key for computer labs
- Student License: key for students to analyze on their own laptops
- Tableau Online Site: secure cloud environment to share and collaborate

Learn more at tableau.com/academic/teaching



Tableau for Students

1 year Desktop & Prep
license for students

([Request Here](#))

Learn more
at tableau.com/academic/students



A background image showing a Tableau software interface. The interface includes a top menu bar with 'File', 'Data', 'Worksheet', 'Dashboard', 'Story', and 'Analysis'. On the left, there's a 'Data' pane with 'Business Reviews' and 'Profit' views, and a 'Dimensions' list containing 'Date', 'ID', 'Location', 'State', 'City', 'Name', 'Region', and 'Measure Names'. The main area displays a map with blue dots of varying sizes, representing data points. A 'Filters' shelf contains 'Region: Edinburgh'. The 'Columns' shelf has 'AVG(Longitude)' and 'AVG(Latitude)'. The 'Rows' shelf is empty. The 'Marks' shelf has 'Automatic' selected. A 'Measures' list on the bottom left includes '% Useful', 'Funny Votes', 'Latitude', and 'Longitude'. A color legend for 'AVG(Rating)' is visible at the bottom, ranging from 1,000 to 5,000. Overlaid on the map is the text 'Introducing Tableau Prep for Academics' in a light gray font.

Introducing Tableau Prep for Academics

May 1, 2018

Tableau Prep launched for the Academics Program!

Prep your data the Tableau way

Tableau Prep is the visual, direct, and smart way to clean and shape your data for analysis.

Getting your data ready for analysis is often manual, time-consuming and—let's be honest—downright tedious. Tableau Prep gets you hands-on with your data prep the way Tableau Desktop does for analysis.

Quickly and confidently prep your data, and develop a deeper understanding that will inform your analysis. Prep is now be available to everyone who qualifies for Tableau's Academic Programs.



— THE —
SKILLS
COMPANIES NEED MOST IN
2018
PRESENTED BY LINKEDIN LEARNING

The Skills Companies Need Most in 2018 – And The Courses to Get Them

Published on January 2, 2018

 Paul Petrone [+ Follow](#)
Editor, LinkedIn Learning
[201 articles](#)

 2,510  99  2,018

Rank	Skill
1	Cloud and Distributed Computing
2	Statistical Analysis and Data Mining
3	Middleware and Integration Software
4	Web Architecture and Development Framework
5	User Interface Design
6	Software Revision Control Systems
7	Data Presentation
8	SEO/SEM Marketing
9	Mobile Development
10	Network Information Security

Data prep is challenging

80%

of analysts' time is spent
simply **discovering** and
preparing data

Harvard Business Review

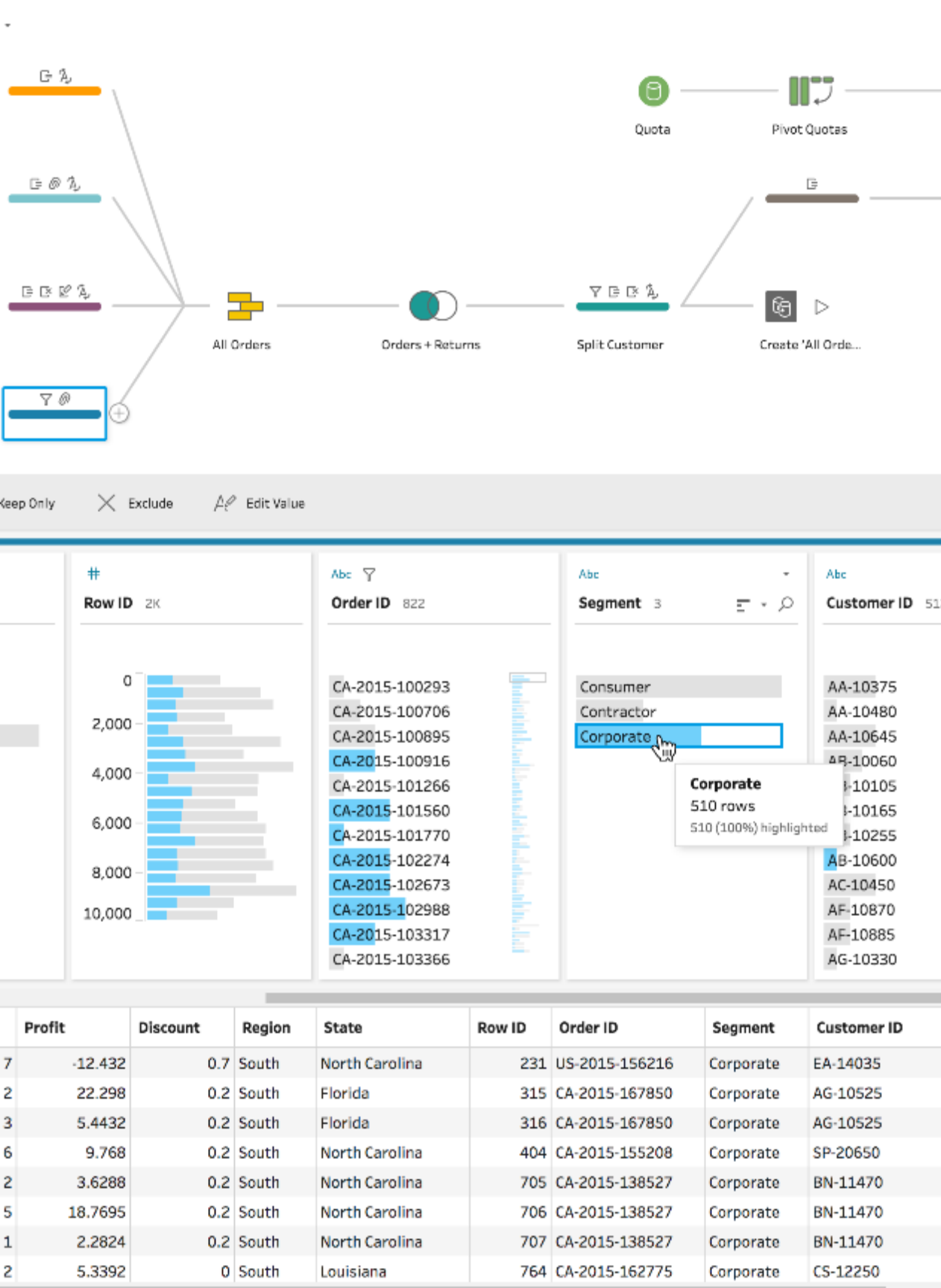


Tableau Prep

Confidently prepare your data for analysis

- Tableau Prep gives you a deeper understanding of your data to confidently prepare it for analysis.
- Smart features make data prep fast and simple.
- Integrated directly into your analytical workflow for faster speed to insight.

The background is a solid blue color with several curved, overlapping bands of slightly different shades of blue, creating a sense of depth and movement. The curves are horizontal and sweep across the frame from left to right.

Let's Get Started!

Resources

Free Training Videos



11 VIDEOS

Tableau Prep



60 MIN

- ▶ Getting Started with Tableau Prep 5 MIN
- ▶ The Tableau Prep Interface 8 MIN
- ▶ The Input Step 5 MIN
- ▶ The Cleaning Step 7 MIN
- ▶ Group and Replace 6 MIN
- ▶ The Profile Pane ● 6 MIN
- ▶ The Pivot Step ● 2 MIN
- ▶ The Aggregate Step ● 5 MIN
- ▶ The Join Step ● 4 MIN
- ▶ The Union Step ● 5 MIN
- ▶ The Output Step ● 3 MIN

Creator

Are you doing data
Prep and Tableau?



3 VIDEOS

Getting



11 VIDEOS

Tableau



11 VIDEOS

Conn



22 VIDEOS

Visua



7 VIDEOS

Dashb



10 VIDEOS

Mapp



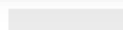
16 VIDEOS

Calcu



6 VIDEOS

Why is Tableau Doing That?



31 MIN

online training.

ugh in-person
ound the world.

quite know
e here to help.

Tableau Starter Kits

Practice authoring, interacting, publishing, and administering Tableau.

Author a Viz

Tableau Desktop

Interact with a Viz

Tableau Online

Tableau Server

Publish a viz

Tableau Online

Tableau Server

Administer Tableau

Tableau Online

Tableau Server

More Resources

Author a Viz

Follow the activities below and learn how to create visualizations and ask questions of your data using Tableau Desktop. You'll learn how to use software, educate yourself on authoring best practices, and be inspired by the great work of others. Enjoy!



Section 1: Orient Yourself



Section 2: Visual Analytics



Section 3: Work with Data



Section 4: Building Vizzes



Section 5: Dashboards



Section 6: Calculations



Section 7: Get Hands On



Section 8: Go Deeper

Instructor Resource Page

Actions ▾ **Overview** Activity Content People Subspaces









Log in to follow, share, and participate in this community.

Need software?

Request an individual Tableau Desktop license or software for your courses.

[REQUEST SOFTWARE](#) →

Free learning resources

- [Tableau Desktop Deployment Guide](#) 
- [Desktop support](#) 
- [Tutorial: Get Started with Tableau Desktop](#) 
- [Tableau Desktop Starter Kit](#) 
- [On-demand training videos](#) 
- [Live online training](#) 
- [Whitepapers](#) 
- [Webinars](#) 

Ready-made curriculum materials

Our curriculum materials provide instructors at accredited academic institutions with the tools to teach Tableau in the classroom. Materials include lecture notes, student handouts, assignments, and exams.

-New Data Visualization: Curriculum to cover the fundamentals and best practices of data visualization analysis**-Intro to Data Journalism with Tableau:** Modules to teach a 10-week course**-Tableau Desktop Training:** Modules to teach basic and advanced functionality for any field of study**-Social Media Analytics with Tableau:** Modules to teach social media analytics

Join the Tableau for Teaching User Community to request materials:

[JOIN THE COMMUNITY](#) →**Note:** This is a private group for qualified instructors in the Tableau for Teaching program. You must be signed in to the Tableau website to request access.

Collaborate with others



Join the Tableau for Teaching User Community to share course materials, access data sets and sample assignments, view textbook options, and more!

Instructor FAQs



Check out our one-stop-shop to find answers to frequently asked questions.

[SEE FREQUENTLY ASKED QUESTIONS](#) →

Find answers

- [Knowledge base](#) 
- [Online product help](#) 

Downloads

- [Drivers & activation](#) 
- [Download versions of Tableau](#) 

Sample Curriculum

Professor Jeffrey Shaffer – University of Cincinnati

Course outline

- Module 1 – Introduction to Data Visualization and Visual Perception
- Module 2 – Fundamentals of Visualization, Data Modeling and Compare and Contrast
- Module 3 – Data Visualization Best Practice and Not-So-Best Practices
- Module 4 – The Use of Color in Data Visualization and Dashboard Design
- Module 5 – Typography and Data Visualization Design
- Module 6 – Exam and Infographics
- Module 7 – Interactive Data Visualization
- Module 8 – Mapping Data
- Module 9 – Owning Your Data Story
- Module 10 – Final Project Presentations

Syllabus

Performance Evaluation

Course grades will be determined as follows:

	%	Points
1) Homework – Halloween Viz (Individual)	5%	50 pts
2) Homework #2– Halloween Viz Redesign or Makeover Monday (Individual)	5%	50 pts
3) Makeover Monday	20%	50 pts
4) Exam	20%	200 pts
4) Dear-Data Postcard (Individual)	10%	50 pts
5) Project 1	20%	200 pts
6) Final Project - Final Interactive Data Visualization and Presentation	40%	400 pts
Total:	100%	1,000 pts

Extra credit (one opportunity allowed for extra credit per student, see below) Up to 3% Up to 30 pts

Grading Scale

93% - 100%	A
90% - 92.9%	A-
87% - 89.9%	B+
83% - 86.9%	B
80% - 82.9%	B -
Below 80%	C
Below 70%	F

Please see the **Grading Rubric** for grading criteria on assignments.
Points for the Test will be awarded as marked on the exam.

By Professor Jeffrey Shaffer – University of Cincinnati

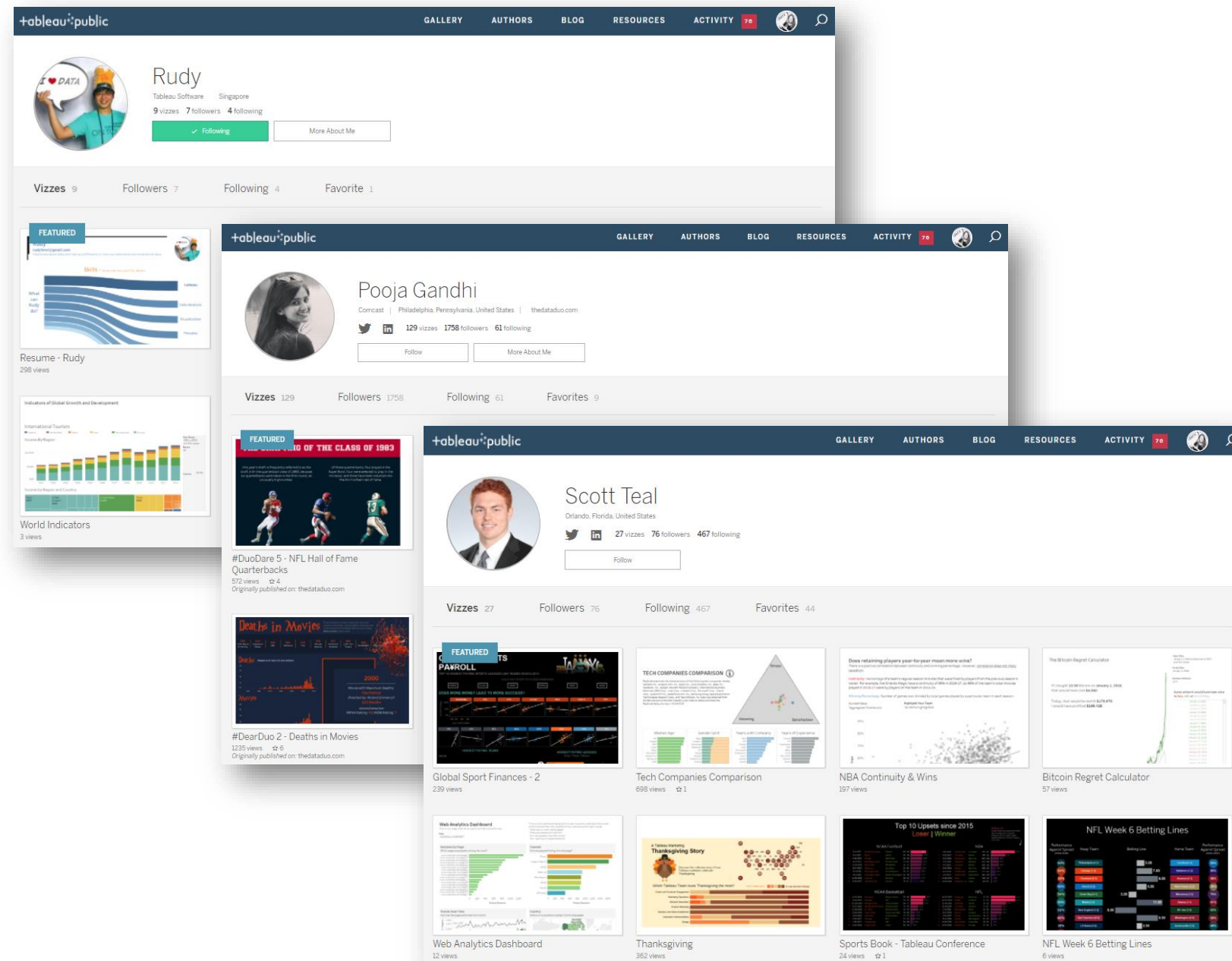
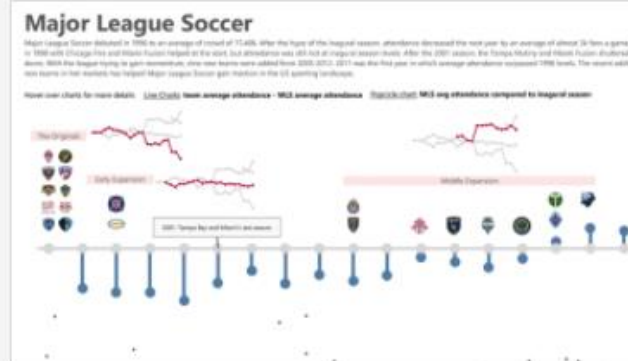


Tableau Public

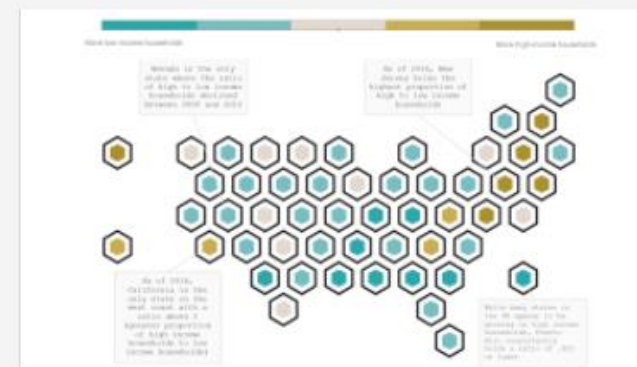
Free platform to see what
MORE is possible and to build
your analytics portfolio!



Major League Soccer Attendance

Spencer Baucke analyzes the attendance of Major League Soccer in the US since its creation in 1996.

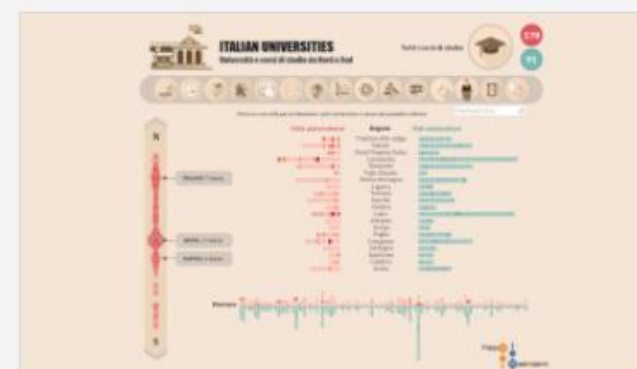
January 18, 2018



US Household Income Distribution

Nai Louza looks at the ratio of high income to low income households in the United States.

January 17, 2018



Italy's Universities

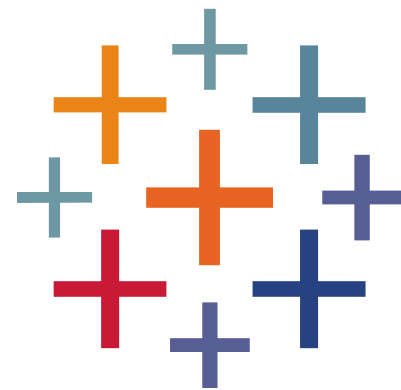
Filippo Mastroianni is looking at the university landscape of Italy.

January 16, 2018

Learning Resources

- Desktop Starter Kit: <https://www.tableau.com/learn/starter-kit>
- On-demand and live online videos:
<http://www.tableau.com/learn/training>
- Live product demos: <http://www.tableau.com/learn/demos>
- Whitepapers: <http://www.tableau.com/learn/whitepapers>
- Webinars: <http://www.tableau.com/learn/webinars>





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