HUDK 5053: FEATURE ENGINEERING STUDIO

9/18/18 2:15 PM

In the news

U.S.News & WORLD REPORT

When the Data's No Good

Lauren Camera · Sept. 14, 2018, at 6:00 a.m.

AP

Bill Gates calls for more global education assessments data

By: SALLY HO, Associated Press

Updated: Sep 18, 2018 - 10:24 AM

When 12-Year-Olds Can Breach School IT Systems, Who's Responsible?

By **Doug Levin**   Sep 15, 2018

⚡ EdSurge

THE TECH EDVOCATE

WHAT ARE THE LONG-TERM EFFECTS OF EDTECH USE?

BY **MATTHEW LYNCH** / ⊘ SEPTEMBER 18, 2018 / 💬 0

Events

Title	Date	Link
California Safe Drinking Water Challenge	Due Oct 1	http://waterchallenge.data.ca.gov/
Gigged: The End of the Job and the Future of Work	4:00pm September 19	https://datasociety.net/events/databite-no-113-sarah-kessler/
AI: Building Products that Understand	6:00pm September 19	https://meet.meetup.com/wf/click?upn=pEEcc35imY7Cq0tG1vyTt6kYBBpMSWKNFnrHIgtlsQcV2vLEHAeU4PTsxc6f5OrFX7zI7QSmevdc3nb1zTPXNiXlxpp2sZSSdoTKpJBysvsuJyytM8jetPacPzbp51ZXp8Qju6g3ugF-2FESMea-2FltjZeLn4L-2B-2BdOROXtm0sn-2FXJS-2FGv7XdowrZ3qYTyLGtrojjm0D0gL9cHri6w8M4saX2L9KIZ1YkNKroDi72blxLD9Lz6Rv-2BMOtKff4glkDWwPazJ0nChogE4bPmVxBrIzP0LLSdEIyXeas6oekT7u36wUUNK-2FyzDg64ji-2BZoIVAFSyZ-2B9gRuayrXsVvLYDU73BSw-3D-3D_l3fs1g-2F466j3y5fD5Q61KTvREVidSz8eOmcqorpVEXbt5H1apoGNSAiFy94udlsHlY1PSkmM0wPZ-2FQuxZTuFZkEjGhVpzXS1aDcO8D7lERoAkNk0W5nGsGSpBxyCvr11zY-2FT49LaaSYfiOfXriPdDdkiroJ8RFeOPYN9GssUBjtQOHV-2Bn34ld0mm0RaBiT8bUCDW9HyM5OLOTK0wxIZ6SyOfB2We8lMQCqn2cdjAPIQ-3D
Classifying brain waves using AI - Exploratory data analysis of EEG data	5:30pm September 19	https://meet.meetup.com/wf/click?upn=pEEcc35imY7Cq0tG1vyTt6zEs68RbcMfjPcajNHTKtkAchTKu1RCXrveUReTXBSBqntUCEEUQKuJ9AwcnMji1FmFWzvsTCg0tPUuSlVr1XLIPDNL15aFnBvVRzhIJJdjeeUZ7f0EfiRDSKpllF1-2Bnn69qaauozUcASwLYO3t-2FoY76CTK8KLFr2NbEL8QqQ4xbpyt4lEYbNxPtMQSvoqZAxpt7hrBEbCYCpmZAHbBcGPgm4qtvVAtCG1i5CcNHHV2Q1gli25SSULXq5JmA0M3e-2FmlpHLsCBZxG7PaelCHmRkOTAjnyayMauPoov6FVJ5Y_l3fs1g-2F466j3y5fD5Q61KTvREVidSz8eOmcqorpVEXbt5H1apoGNSAiFy94udlsHlY1PSkmM0wPZ-2FQuxZTuFZgu91KBIfpRlrcG0GsOJ4QJw6d2kjZoEDqySkPD9JfoQR4x8dftwdKolQ4ZZhnCLU00bzm9Te-2BLUVI9N-2BFKFxE9xGs-2Fi6dbHV5zx4rYyljOYfm9TsfLjphnNNFfGSCwwnfXtl6uh2fnOlpiAkAvJpAQ-3D
Data Science Institute Town Hall	10:00am September 28	https://events.columbia.edu/cal/event/eventView.do?b=de&calPath=%2Fpublic%2Fcals%2FMainCal&guid=CAL-00bb9e28-657a7368-0165-7c79c918-0000182cevents@columbia.edu&recurrenceId=
Changing the Airline Industry Beyond the Aircraft	5:00pm October 4	https://events.columbia.edu/cal/event/eventView.do?b=de&calPath=%2Fpublic%2Fcals%2FMainCal&guid=CAL-00bb9e24-655b8449-0165-5e0596df-00001917events@columbia.edu&recurrenceId=

Amazon

- Go to AWS

- Login

- Go to: http://www.louisaslett.com/RStudio_AMI/

- Click on "US East, Virginia"

- Work through Wizard, change MyIP

- Go to Security Groups and create a rule that allows inbound traffic on http

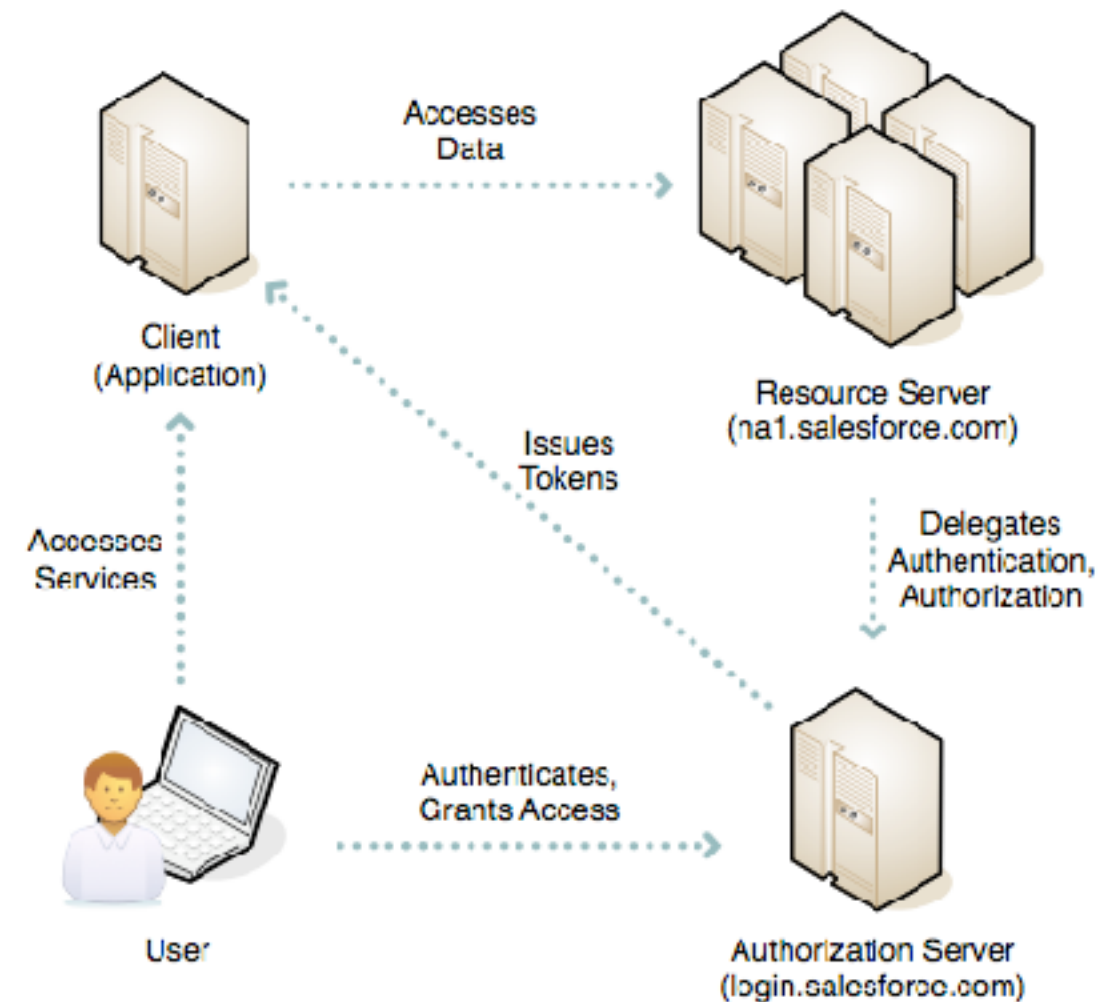- Copy Public DNS to browser

Twitter API

- Representational State Transfer

- Web based standard for writing stable, scalable, fast applications on the web

- Based on HTTP (Roy Fielding's doctorate)

OAuth

- A standard for accessing a website through an app <u>without disclosing password</u>

- Instead an access token is generated to grant access to a subset of the data

Step 1 - Dev Account

- Create a Twitter account

- Create developer account

  - Go to https://apps.twitter.com

Step 2 - R

- Open R Studio

- https://github.com/feature-engineering-studio/twitter-code/

- Install the packages:

    - ROAuth

    - twitteR

https://cran.r-project.org/
web/packages/cronR/
README.html