

HUDK 5053: FEATURE ENGINEERING STUDIO

9/20/16 8:57 AM

In the news



2016 Data Science Salary Survey

Tools, Trends, What Pays (and What Doesn't) for Data Professionals

By [John King](#), [Roger Magoulas](#)

Publisher: O'Reilly

Released: September 2016

Variable	<i>B</i>
Female	-7.8
26-30	+17.2
+65	+38.5

Toymakers fined for tracking children online



© 14 September 2016 | [Technology](#)

Ed-Tech Startup Coursera Launches Online Learning for Companies



Ranku's eCollege optimizer bought by edtech giant for ~\$25 million



Posted Sep 15, 2016 by [Josh Constine](#) (@joshconstine)

Data Shows Tech Employers Are Looking For Experience Over Education



The Next Hot Ticket in Ed Tech? Micro-Credentials

Companies that carve out sustainable business models as part of those ecosystems are likely to be the next ed tech darlings of the VC world.

Shawn D. Terry Published 8:15 am, Thursday, September 15, 2016



Wolfram DATA SUMMIT 2016

September 21-22, 2016 | Hyatt Regency Fairfax | Fairfax, Virginia

Learning Analytics Fall Gathering

Thursday, Sept. 29, 5-7 PM

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Smith Learning Theater

4th floor of the library (Russell Hall)

-

<http://bit.ly/2cX5Zmj>

Thursday 9/22

- I will only be here for first 30min
- I will set you a project
- You will need to upload it to Github by the end of class

Topic in 2min

Problem Design Statement

- What is the educational goal?
- What can I do?
- What should I do?
- What am I going to measure?
- Objectives
- Priorities
- Constraints

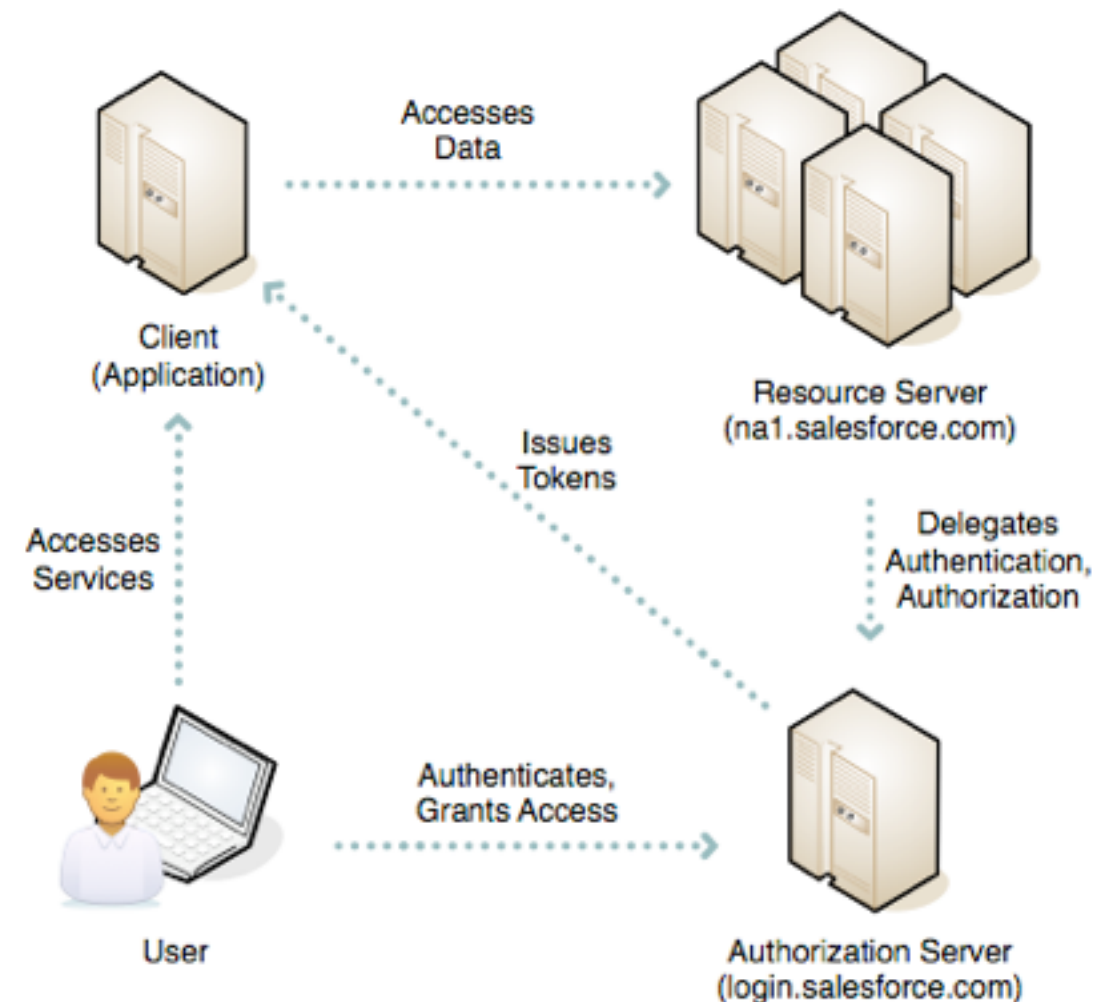
Twitter API

- 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 without disclosing password
- 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
- Install the packages:
 - ROAuth
 - twitterR