

Welcome



Introduction to Chromebook Data Science

IBM Predicts Demand For Data Scientists Will Soar 28% By 2020

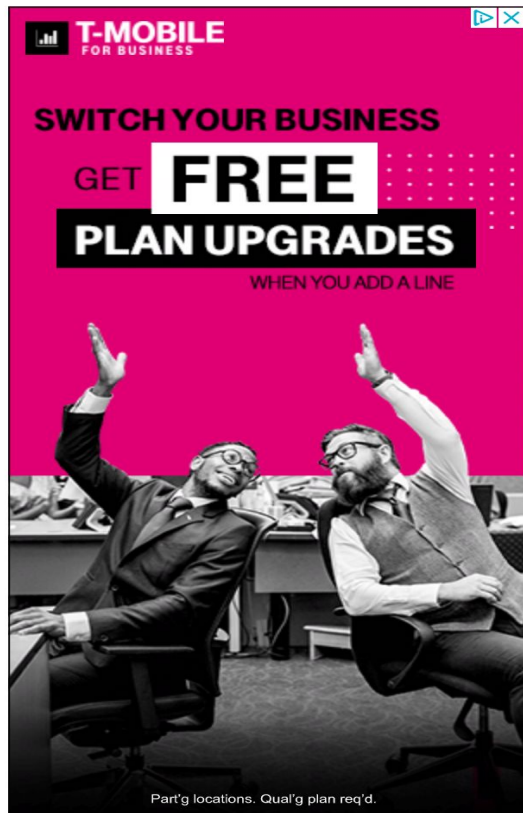


Louis Columbus, CONTRIBUTOR
[FULL BIO](#) ✓

Opinions expressed by Forbes Contributors are their own.

- Jobs requiring machine learning skills are paying an average of \$114,000. Advertised data scientist jobs pay an average of \$105,000 and advertised data engineering jobs pay an average of \$117,000.
- 59% of all Data Science and Analytics (DSA) job demand is in Finance and Insurance, Professional Services, and IT.
- Annual demand for the fast-growing new roles of data scientist, data developers, and data engineers will reach nearly 700,000 openings by 2020.
- By 2020, the number of jobs for all US data professionals will increase by 364,000 openings to 2,720,000 according to IBM.
- Data Science and Analytics (DSA) jobs remain open an average of 45 days, five days longer than the market average.

These and many other insights are from the recently published report, [The Quant Crunch: How The Demand For Data Science Skills Is Disrupting The Job Market](#), The report is [downloadable here in PDF format](#) (25pp., no opt-in). [Burning Glass Technologies](#), [Business-Higher Education Forum \(BHEF\)](#), and [IBM](#) formed a research partnership to







Google Flu Trends

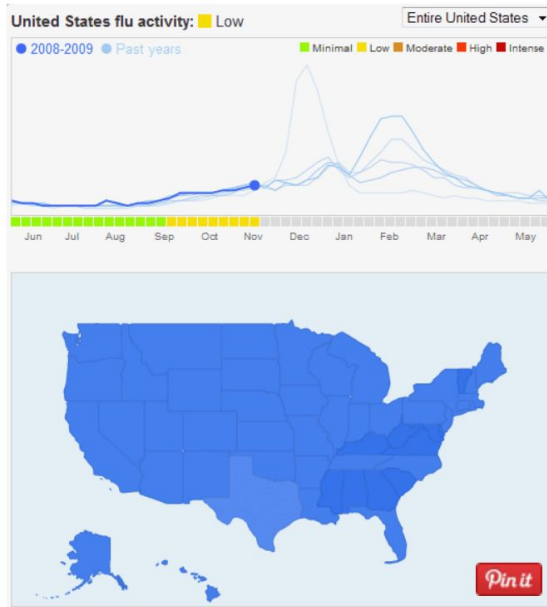
Track Influenza Faster than the CDC

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Screen Capture

by [Marziah Karch](#)

Updated July 26, 2017

It's not surprising that people search for information about the flu when they're sick. Google found a way to tap this trend and use it to estimate flu activity by region. They discovered that search trend data was actually about two weeks faster than traditional CDC (Center for Disease Control) methods of flu outbreak tracking.

Google Flu Trends will give you an estimate of the current outbreak level in the USA or break it down state by state.

You can also see trends from past years and search for a place to find flu shots near you.

Google Flu Trends is on the Web at www.google.org/flutrends.

CORE AUDIENCES

Choose the people you want to reach

Whether you're a flower shop that wants more local customers or an online electronics retailer looking for people interested in your products, our core audiences targeting options—the targeting features built into [Ads Manager](#)—allow you to reach people based on their demographics, location, interests and behaviors.



Demographics

Find people based on traits like age, gender, relationship status, education, workplace, job titles and more.

Location

Reach people in areas where you want to do business. You can even create a radius around a store to help create more walk-ins.

Interests

Find people based on what they're into, like hobbies, favorite entertainment and more.

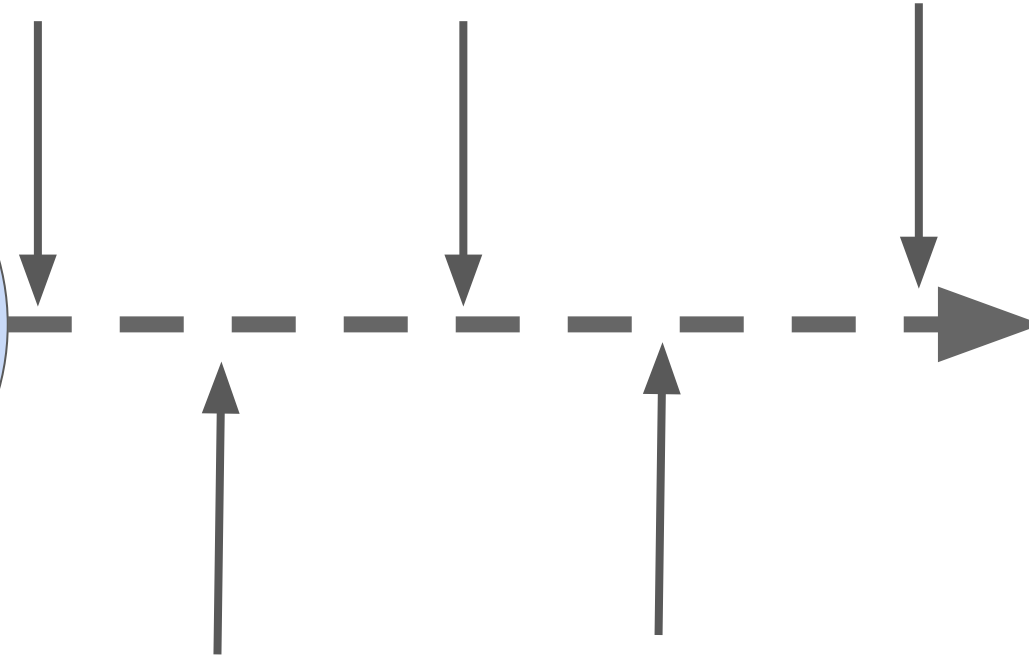
“Data science is asking a question that can be answered with data, collecting and cleaning the data, studying the data, and sharing the answer to the question with other people.”



**Doesn't know about
data science**

**Needs math
background**

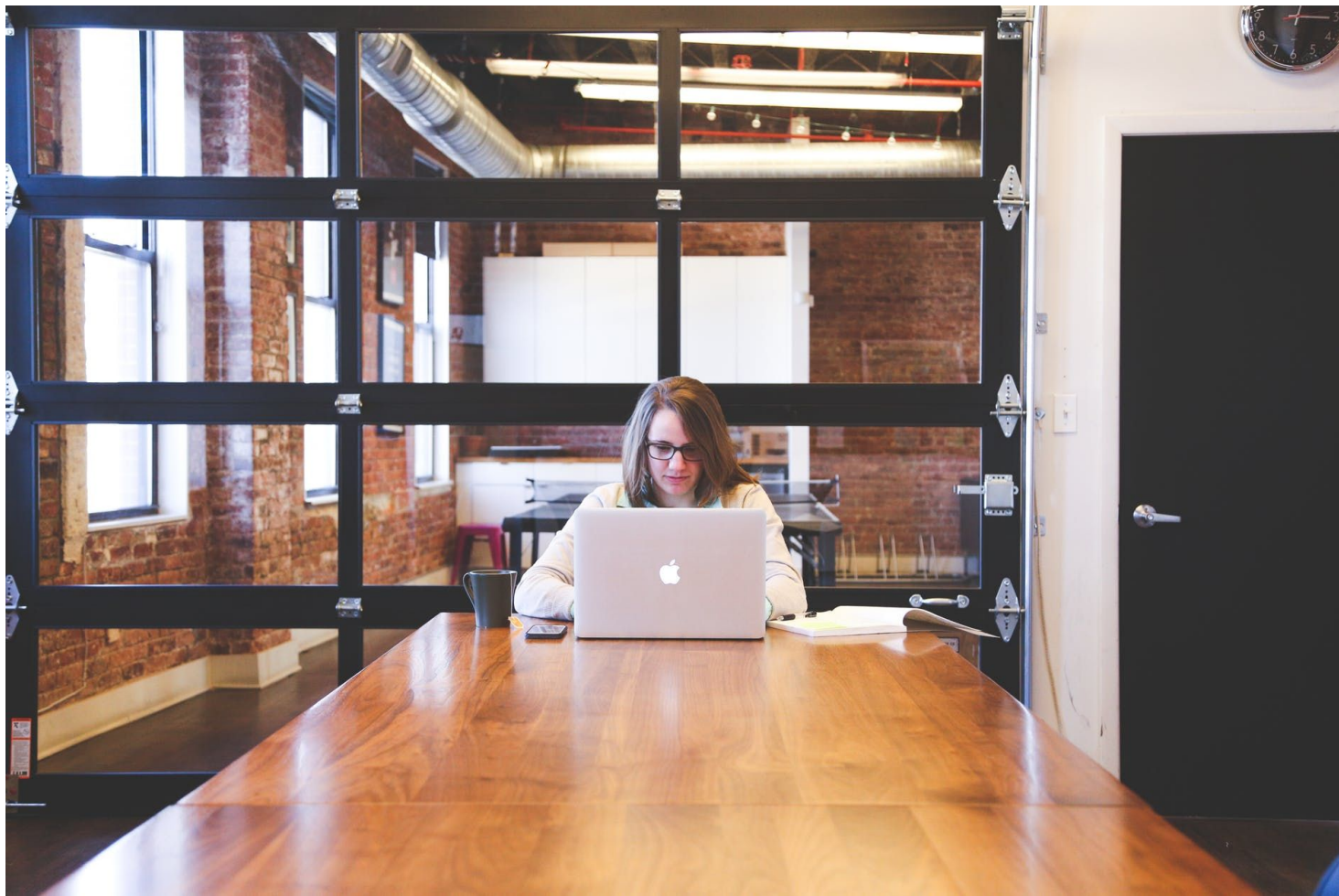
**Doesn't live near
jobs**



**Needs expensive
education**

**Needs expensive
equipment**











<https://www.coursera.org/specializations/jhu-data-science>

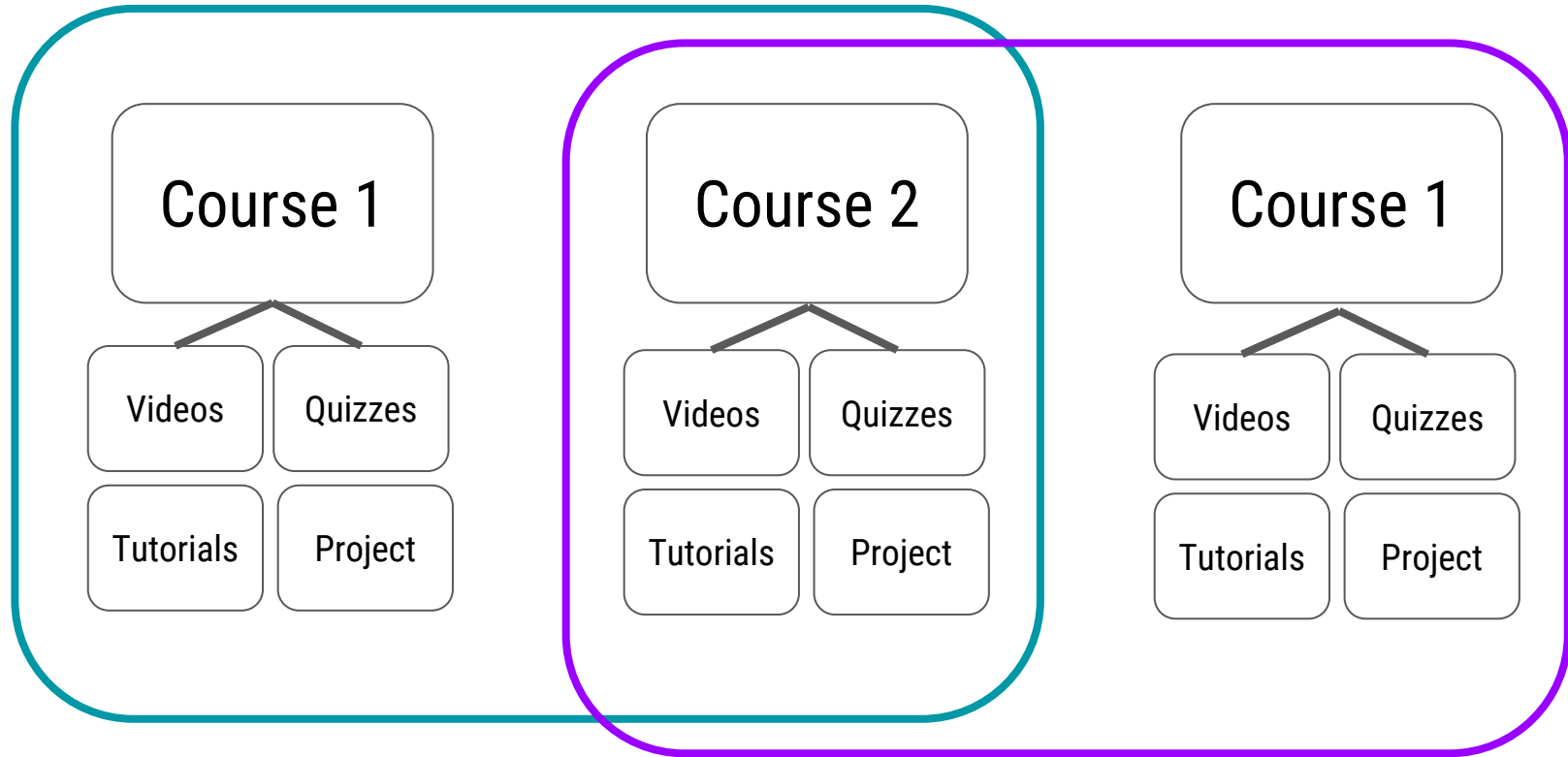


<https://www.coursera.org/specializations/executive-data-science>





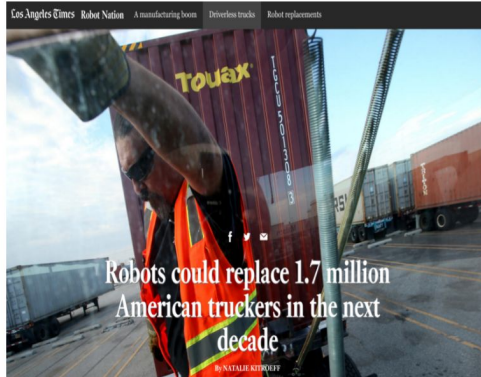
Bundle 1



Bundle 2

Chromebook Data Science is an online educational program created by a [team](#) the [Johns Hopkins Data Science Lab](#). Chromebook Data Science is a sequence of [courses](#) that assumes basic computer literacy as a pre-requisite and builds to performing basic data science skills. Our [philosophy](#) is to make data science a completely cloud based activity so people can work from where they are rather than being forced to move to high cost centers of data science. If you are a company looking for well-trained data scientists and want to support Chromebook Data Science consider becoming a [partner organization](#).

The problem



Reference:

<http://www.latimes.com/projects/la-fi-automated-trucks-labor-20160924/>

Routine and manual jobs are rapidly being automated using newly developed computer, robotic, and machine learning technologies. This trend will accelerate over time.