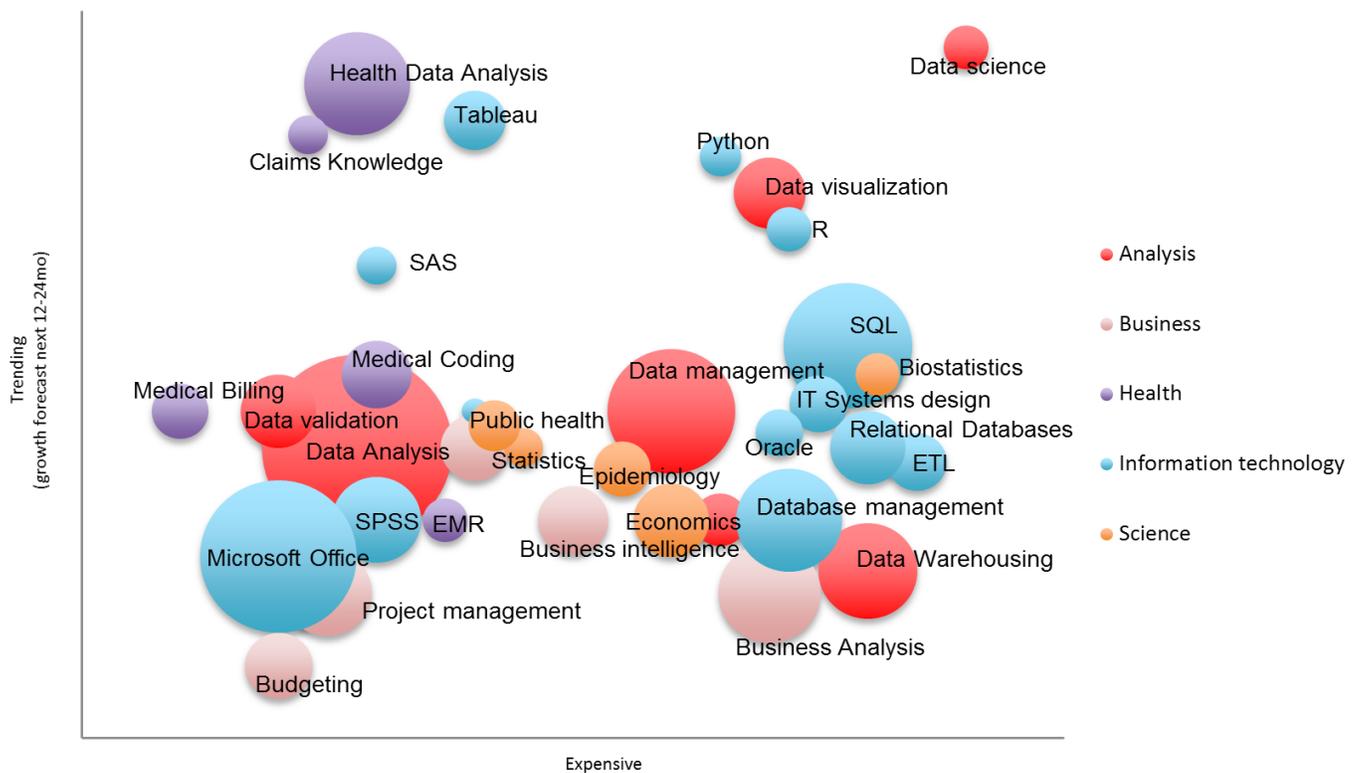




# Report: **Data Analyst** in Health Care

Data analysts are in increasingly high demand in health care. Over 90% of large hospitals and over 80% of small ones are now using electronic health records,<sup>1</sup> generating a wealth of data to analyze. Simultaneously, as health care costs skyrocket, payors are beginning to switch from fee-for-service compensation to value-based compensation and risk sharing arrangements, putting pressure on providers to optimize their operations to deliver results.<sup>2</sup>

## Healthcare Data Analyst: Skills Employers Request



For-profit hospital systems have been at the forefront of developing internal data capabilities, with each of the top three establishing a role of a Chief Data Scientist or a Chief Analytics Officer.<sup>3</sup>

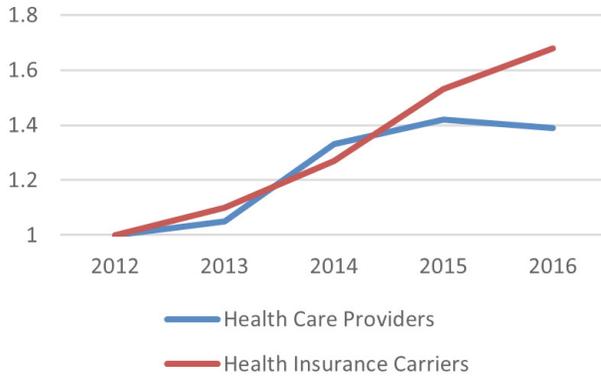
Few other employers in healthcare currently ask for advanced data skills when hiring analysts.

<sup>1</sup>Office of the National Coordinator for Health Information Technology, 2016

<sup>2</sup>Basel Kayyali, David Knott, and Steve Van Kuiken, "The big-data revolution in US health care," McKinsey, 2013

<sup>3</sup>Marco D. Huesch, MBBS, PhD & Timothy J. Mosher, MD, "Using It or Losing It? The Case for Data Scientists Inside Health Care," NEJM Catalyst, May 2017

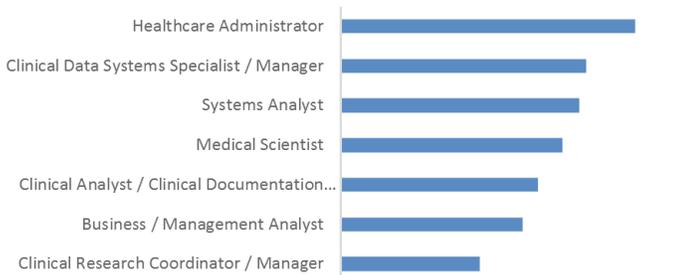
## Catching Up to Insurers



Health insurance carriers have ramped up their hiring of data analysts by 68% over the last 5 years, with providers lagging behind with 38% growth.

Over the last 12 months, hospitals have posted **416** positions asking for Data Science skills, while insurance companies have posted **1,757** positions

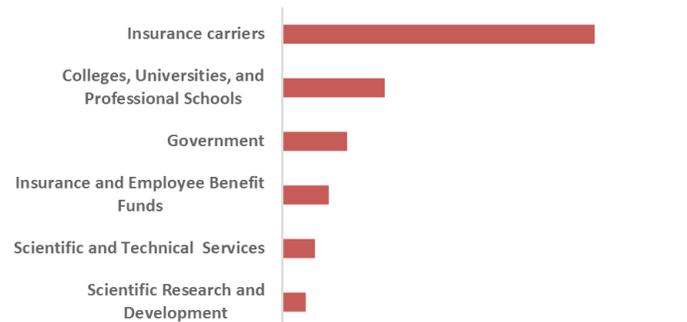
### Health Care Occupations with IT and Data Skills



Prevalence of IT and data skills

Health care administrators and clinical data systems specialists tend to have the best IT and data skills among health care practitioners and represent good internal talent pools

### Sourcing Health Care Data Analysts: Alternative Industries



Prevalence of Data Analysis and Health skills

When looking for General Analysts with supplementary healthcare industry experience, employers should consider insurance fields, medical schools, and government

Visit us at the Burning Glass Technologies Booth 3149

Schedule an appointment with us prior to Oct 10<sup>th</sup> and we'll deliver additional reports on 2018 emerging skills when you meet with us at HR Technology 2017