

So you are a data scientist now?

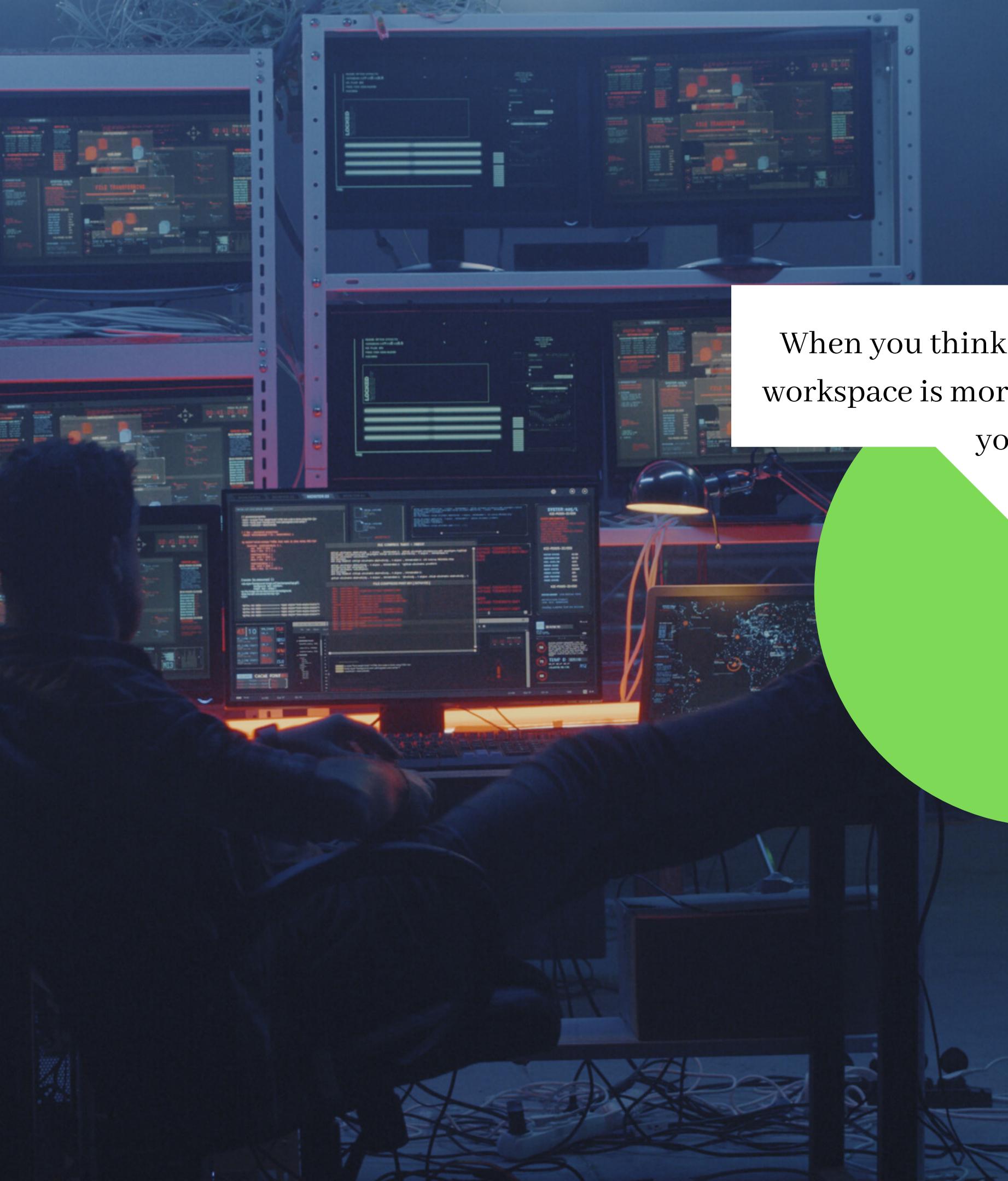
Developing a holistic image of
data scientists: who, what,
when, where, how, and why?

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How to Use this Slide Deck

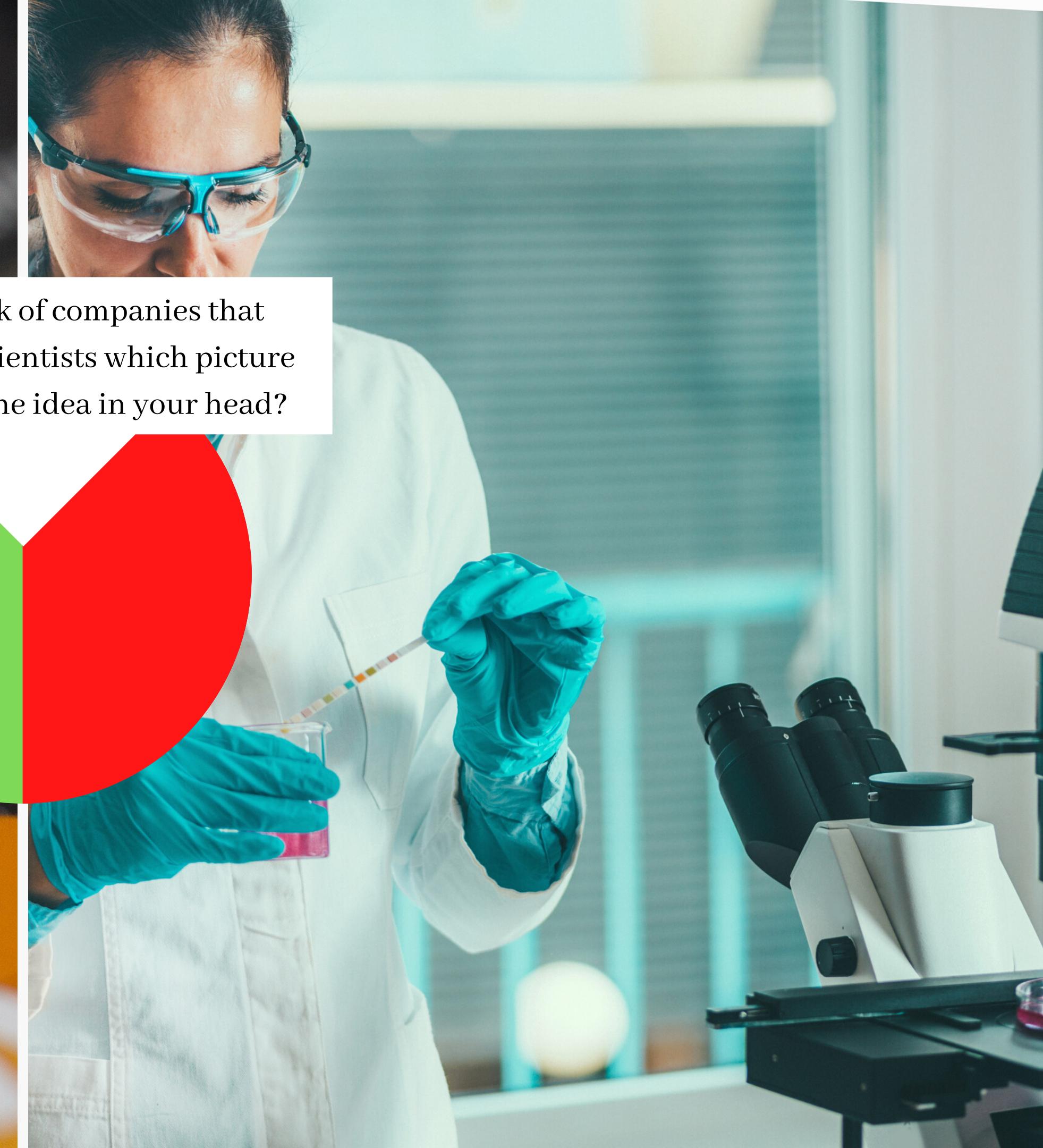
Purpose: This slide deck will take you on a journey to understand the modern data scientist

Instructions: (it's easy)
When you approach a slide with a question, give either a green thumbs up or red thumbs down in slack to vote for your choice!

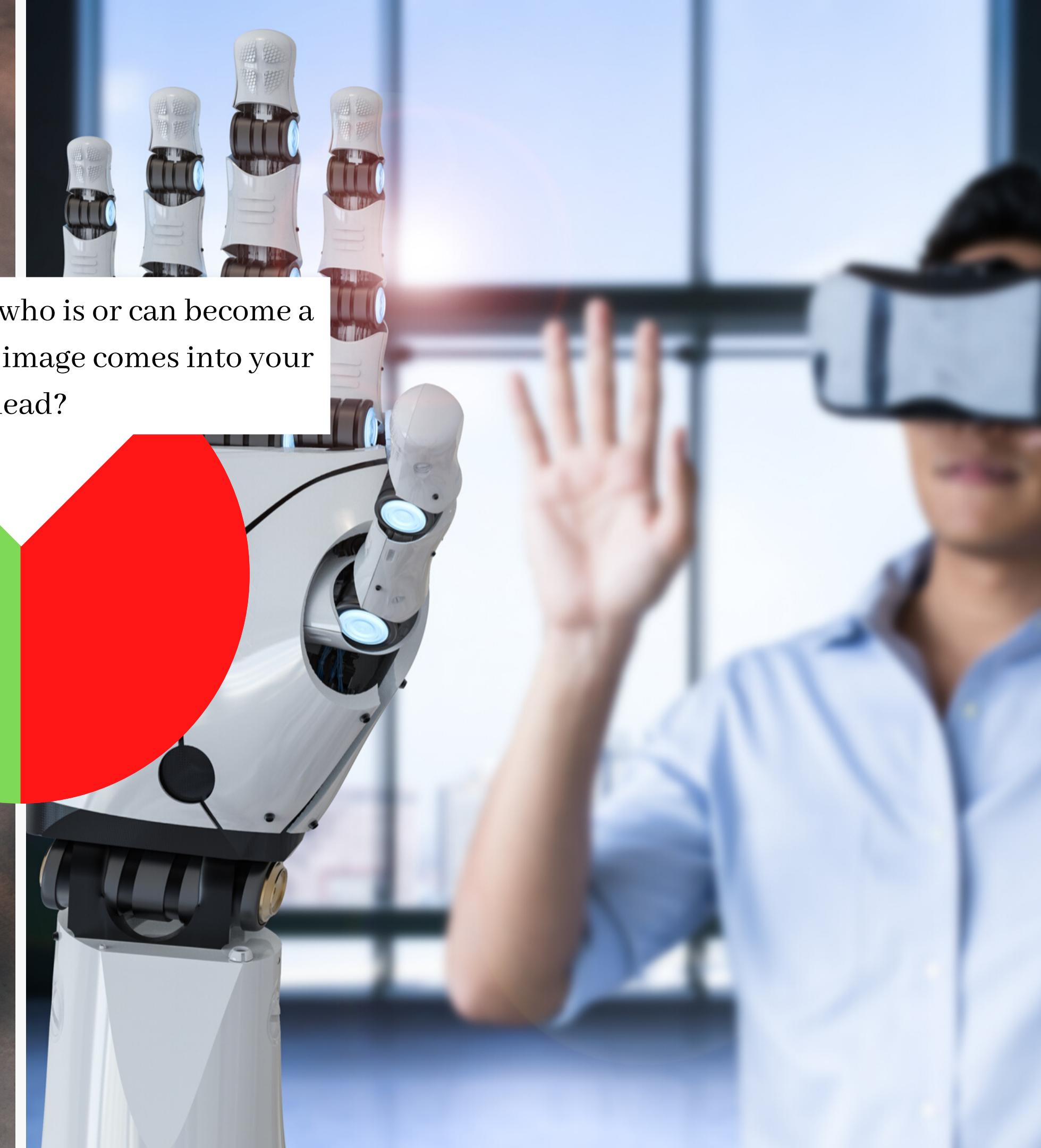


When you think of data scientist which
workspace is more similar to the visual in
your head?





When you think of companies that employ employee data scientists which picture relates more to the idea in your head?



When you think of who is or can become a data scientist what image comes into your head?

MAIN QUESTIONS

The purpose of these questions to help you refine the image of a data scientist in your head from the primer questions.



What year was the first written description
of a data scientist?

1962

1992



1962

John W. Tukey described his transition from a statistician to a data scientist in his paper "The Future of Data Analysis"

From Gil Press @ <https://www.forbes.com/sites/gilpress/2013/05/28/a-very-short-history-of-data-science/#60a081fc55cf>



According to Glass Door: What is Data
Scientist's Ranking on the list of "Best Jobs
in America for 2019"?

1st 12th



1ST

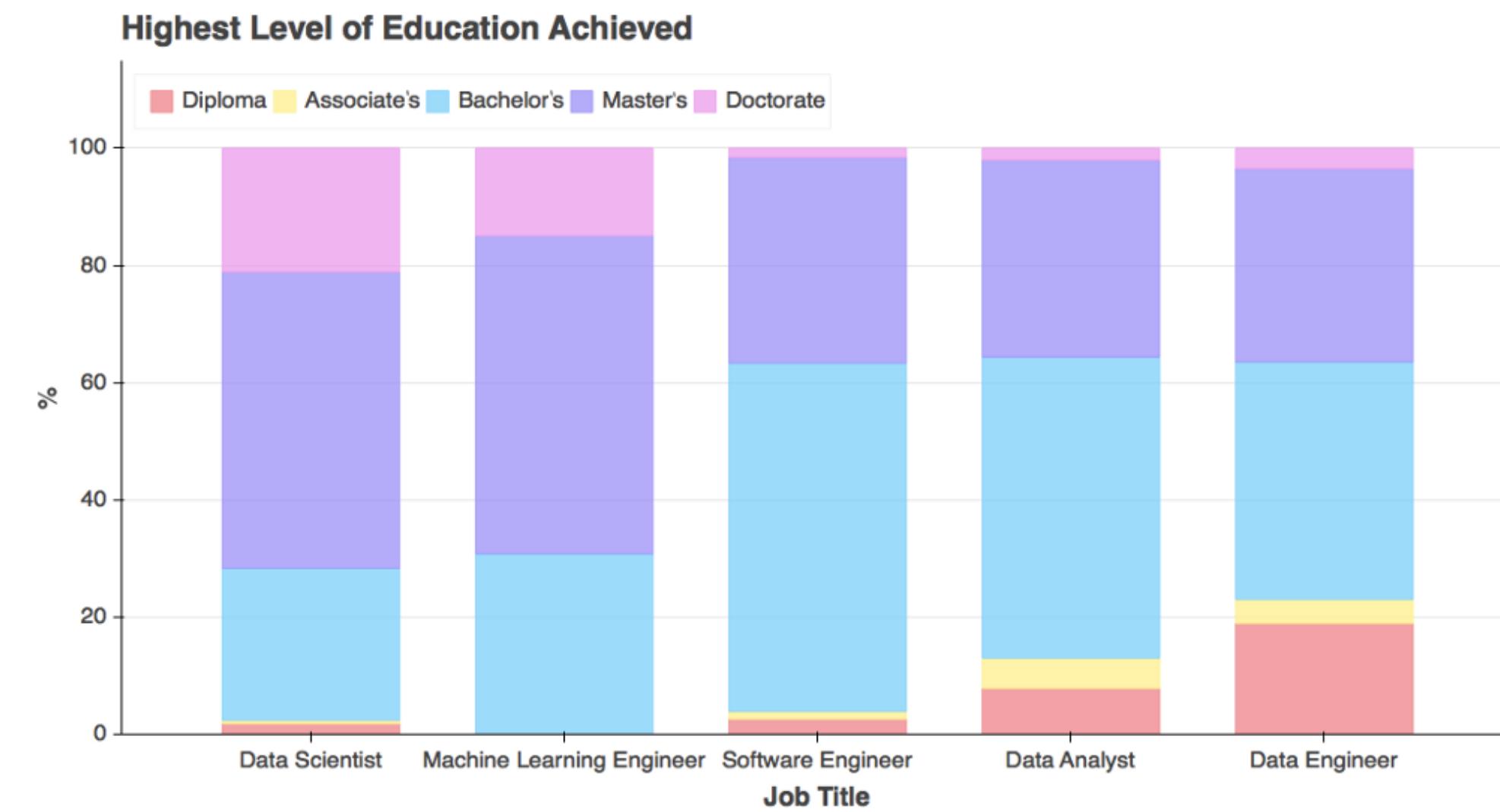


https://www.glassdoor.com/List/Best-Jobs-in-America-LST_KQ0,20.htm

In fact, Data scientist was first on the list for four years in a row according to glass door based on job satisfaction, openings, and median base salary.

It currently sits at #3 for 2020.

GRADUATE DEGREES ARE 70% OF THE TERMINAL DEGREES FOR DATA SCIENTISTS



Chris Linder from Indeed Engineering: <https://medium.com/indeed-engineering/where-do-data-scientists-come-from-fc526023ace>

Computer Science



Business/Econo- mics

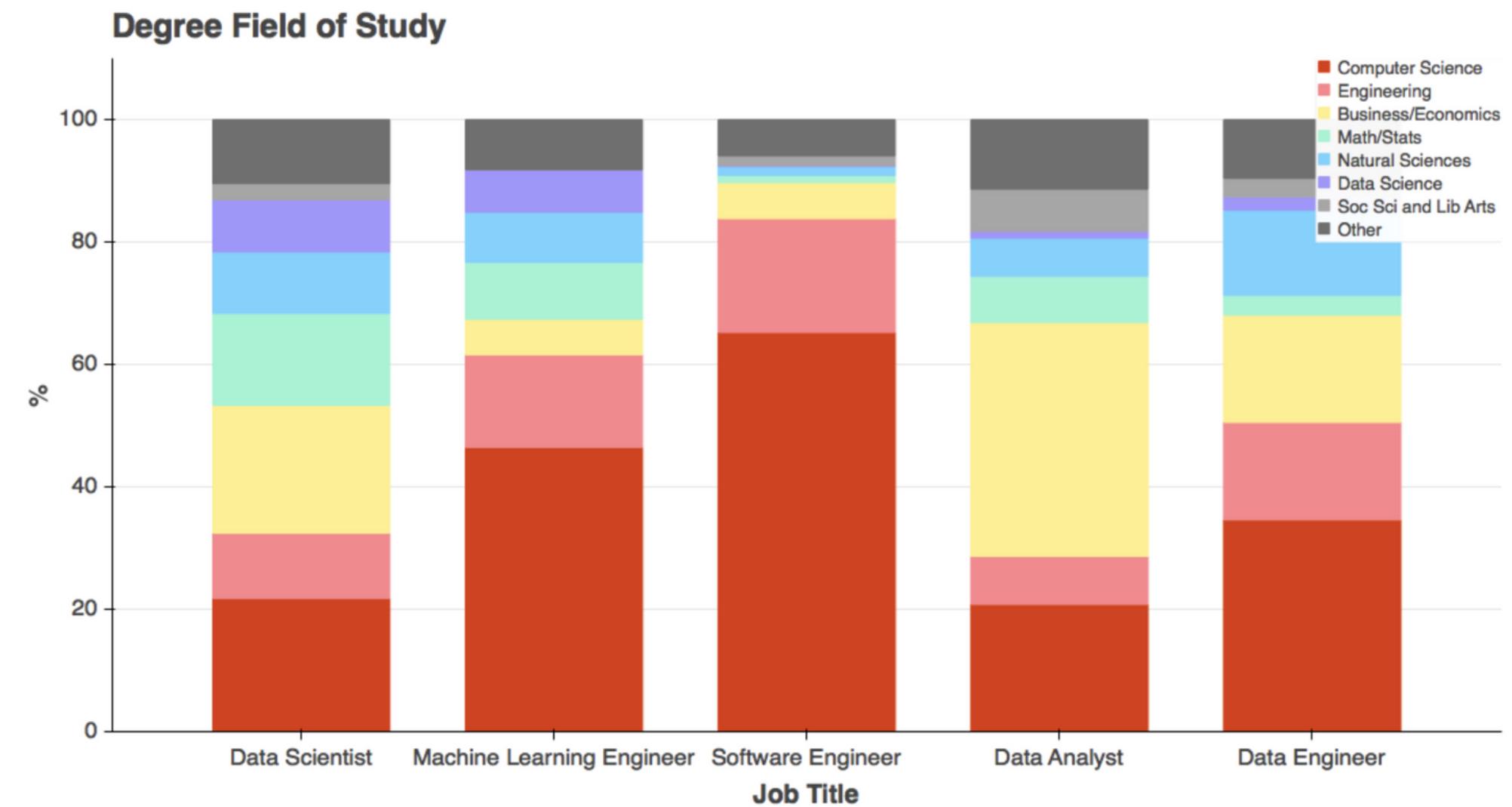


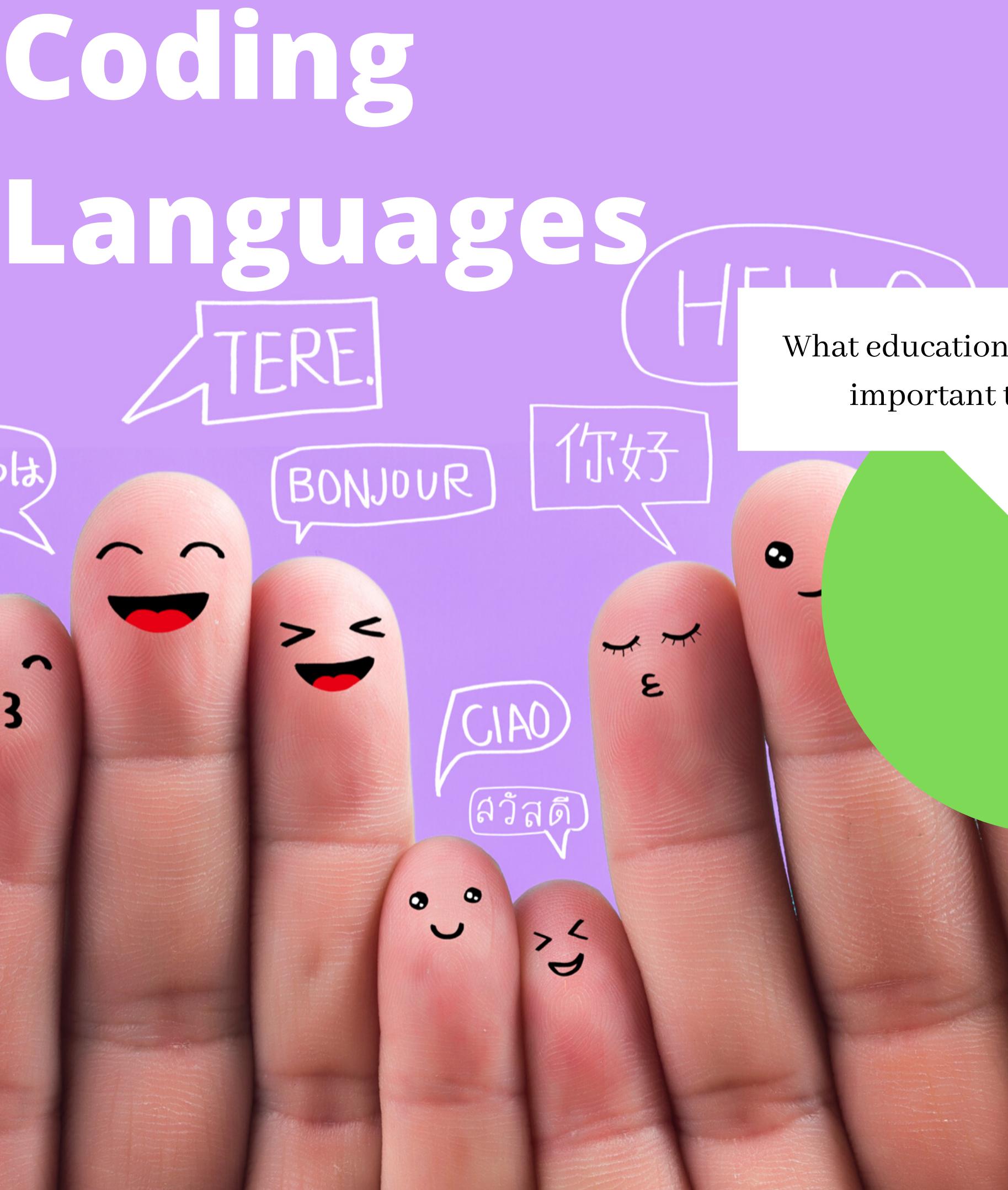
Most common degree field of study for data
scientists?



The report called on the US Federal Reserve to hold off on its first interest rate hike in nine years and for the eurozone and Japan to provide more stimulus as

PRETTY CLOSE SPLIT BETWEEN THE TWO!





BOTH! DATA SCIENTISTS ARE INTERDISCIPLINARY

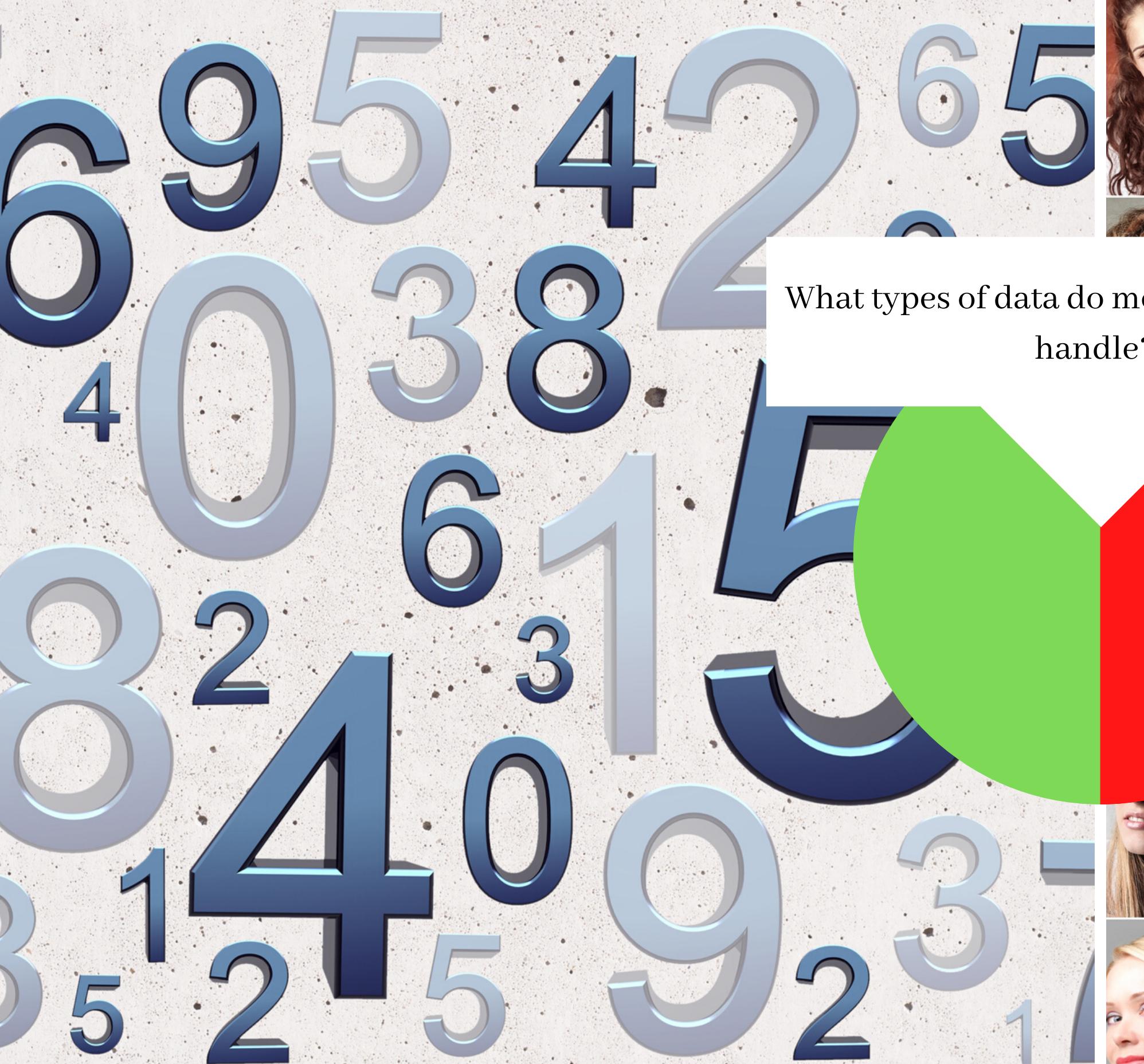
Data Scientists often know multiple coding languages, software engineering practices, statistics, and machine learning, and their own specialty knowledge area (cell morphology for us).

The specific aspects of this knowledge can depend on their specific field.





What types of data do most data scientists handle?



Training



Focus

What separates a data scientist from a data analyst or data engineer?





Data scientists have the specific focus of application in their area of expertise. Other than that many job descriptions can truly overlap depending on your field.

THEIR FOCUS.



RECAP ACTIVITY:

Everyone Share:

1. Has your idea of a data scientist changed?
2. How so?

The world is one big data problem.

– Andrew McAfee (Co-director of MIT Initiative on the Digital Economy)