



# DATA SCIENCE AND DATA SCIENTISTS IN ENTERPRISES

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10.18.2017

# OUTLINE

WHAT DO WE TALK ABOUT? SHORT OVERVIEW

DATA SCIENTISTS IN ENTERPRISES SKILLS, TOOLS, DEMAND

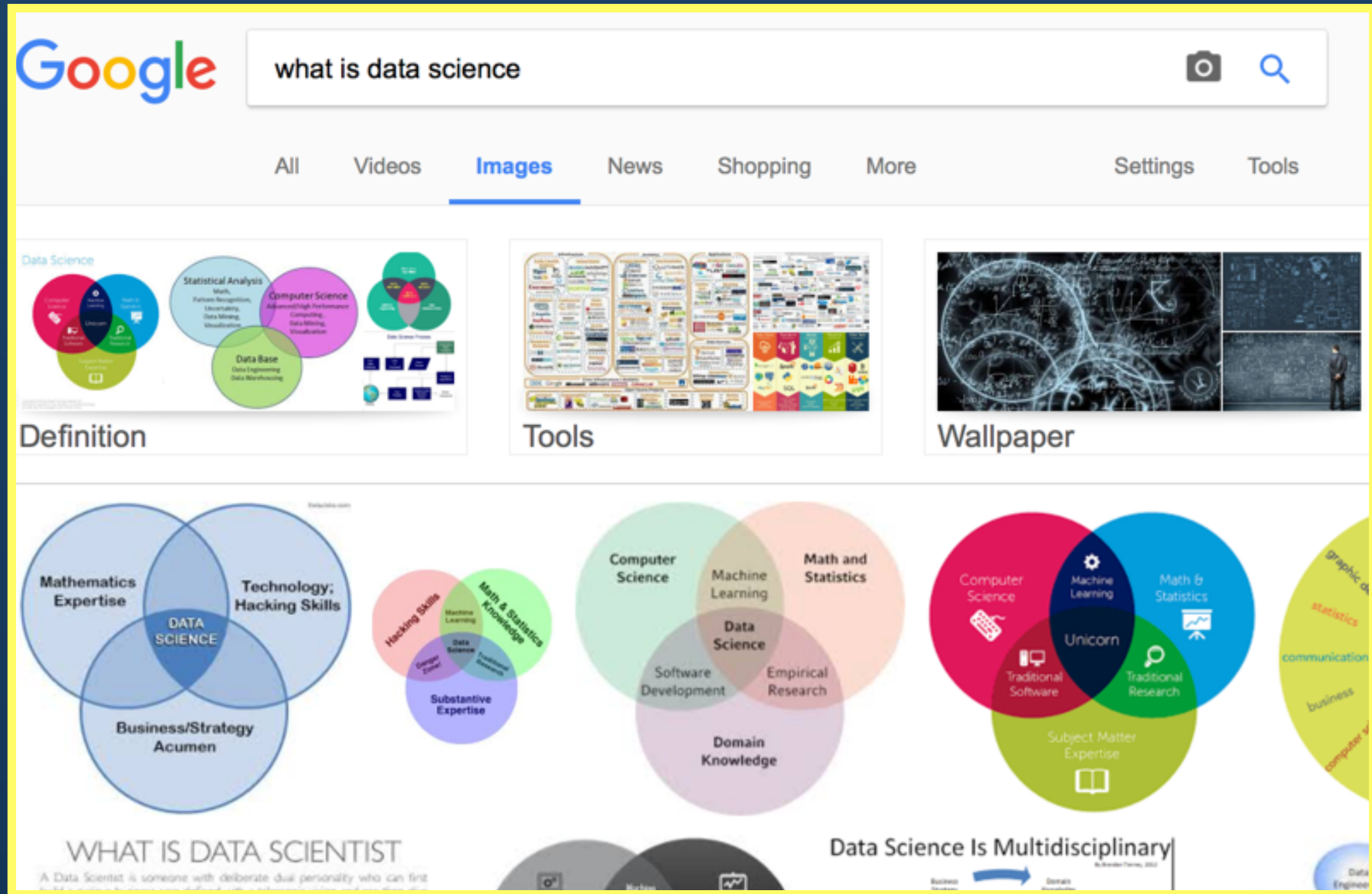
DATA SCIENCE TEAMS AGILITY RULES

THE BLEEDING EDGE IS BROAD

HOW TO START FIRST STEPS



# WHAT IS DATA SCIENCE? GOOGLE SAYS:



# YOU CAN ALSO FIND THIS ON STACKEXCHANGE:

<https://datascience.stackexchange.com/questions/5856/how-is-data-science-related-to-machine-learning>



WHAT IS NEEDED IN ENTERPRISES?

# WHAT IS NEEDED IN ENTERPRISES?

## FREQUENTLY MENTIONED SKILLS

MATHEMATICAL UNDERSTANDING ABOVE ALL STATISTICAL KNOWLEDGE

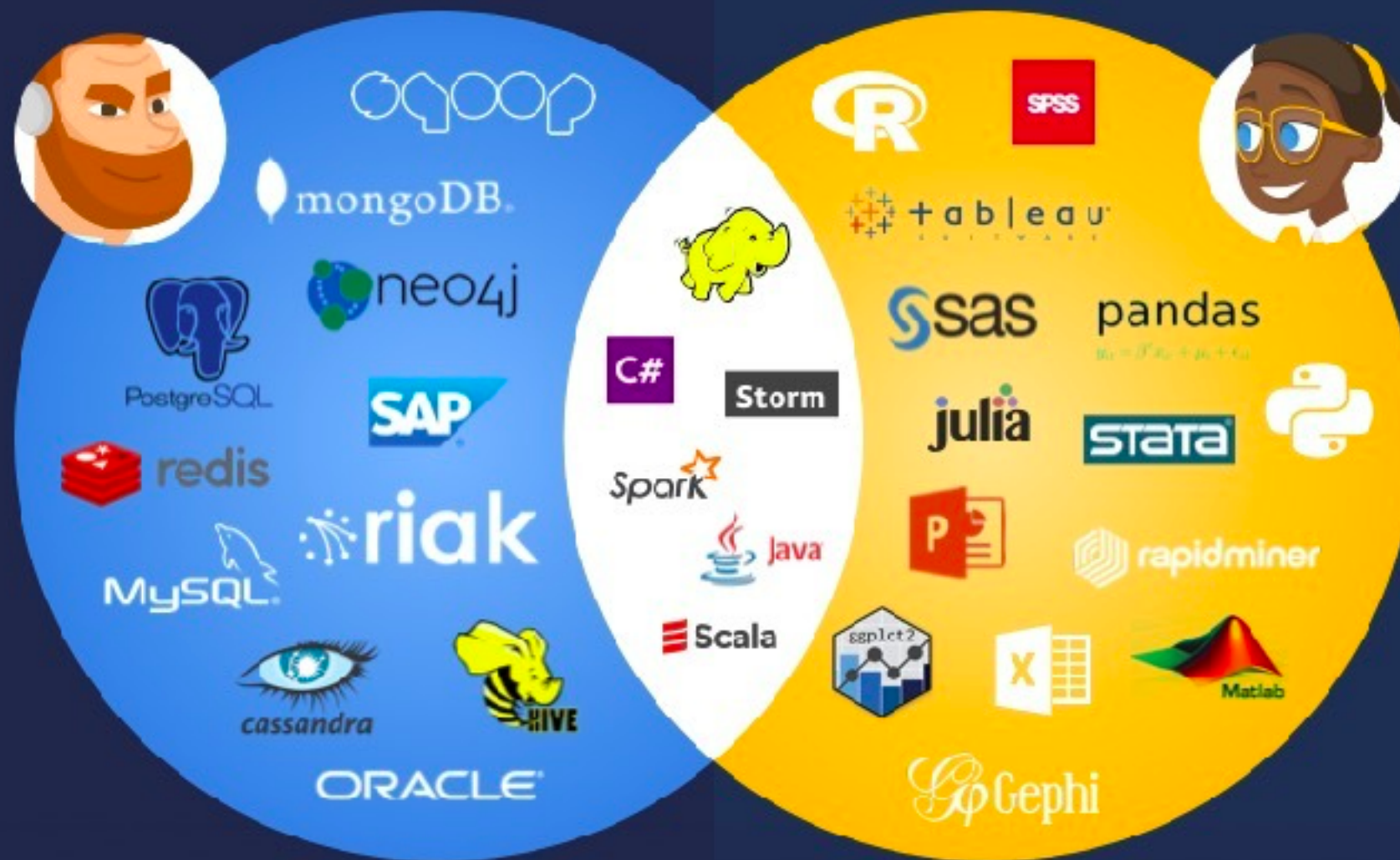
DATABASE KNOWLEDGE AT LEAST SQL

PROGRAMMING SKILLS PYTHON, R

SOFT SKILLS COMMUNICATION, CURIOSITY, CREATIVITY



# Languages, Tools & Software



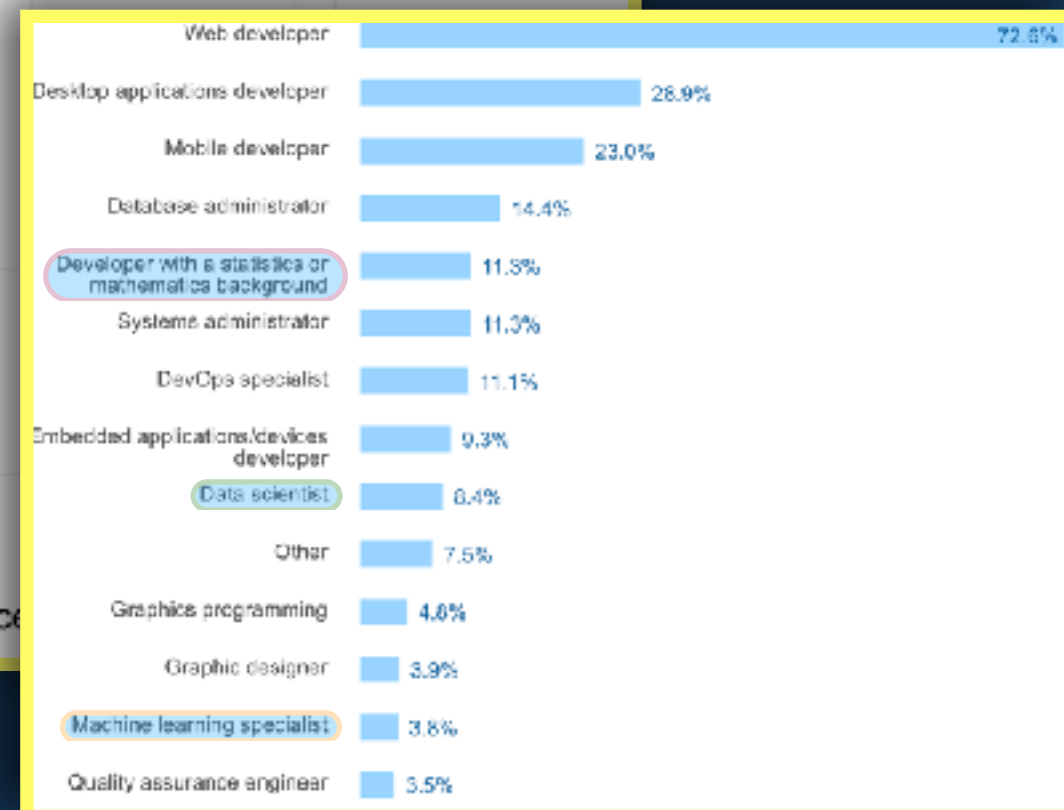
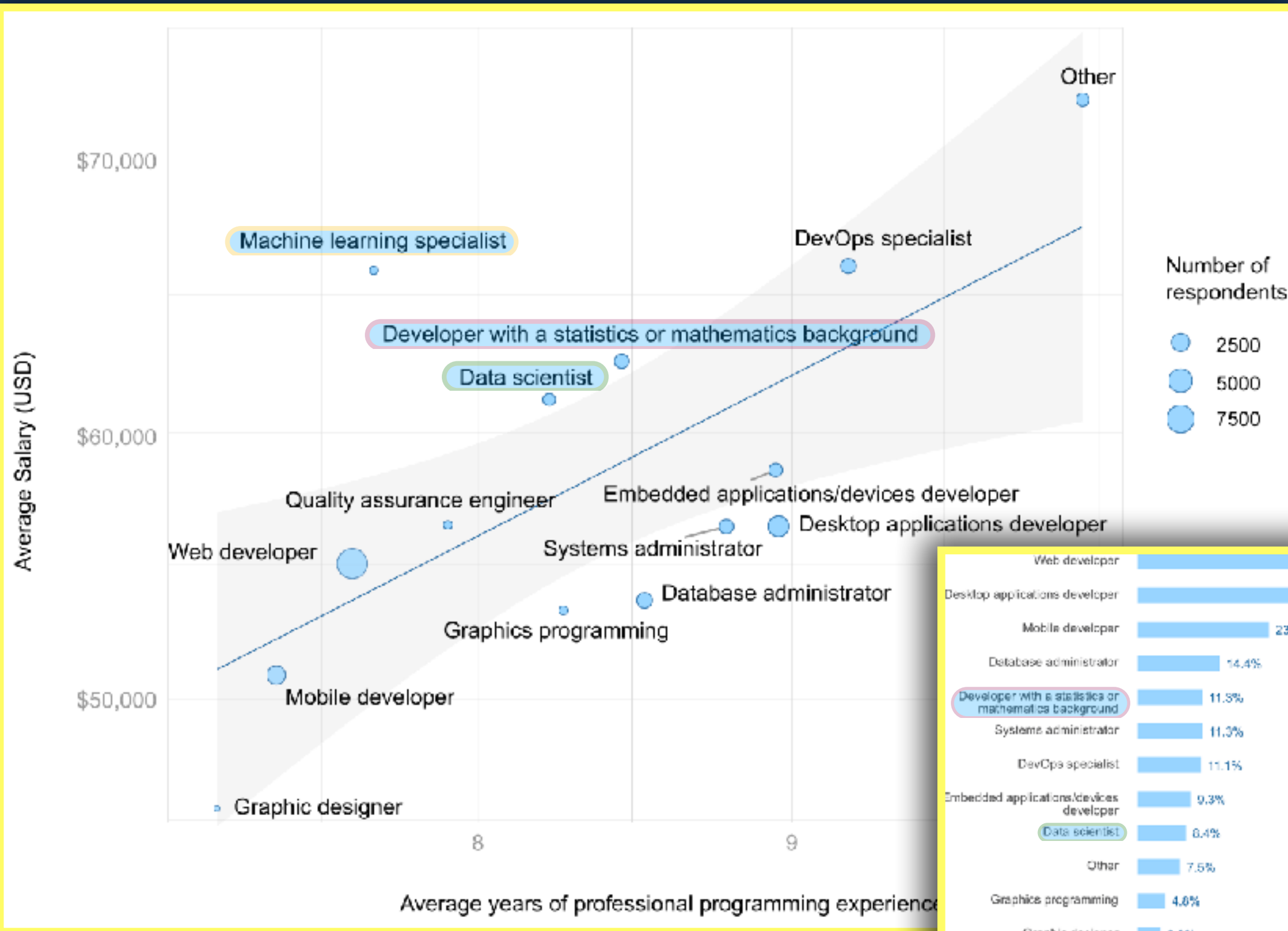
<https://www.datacamp.com/community/blog/data-scientist-vs-data-engineer>

more on: <https://www.datacamp.com/community/blog/data-engineering-vs-data-science-infographic>

# DATA SCIENTISTS ARE SCARCE

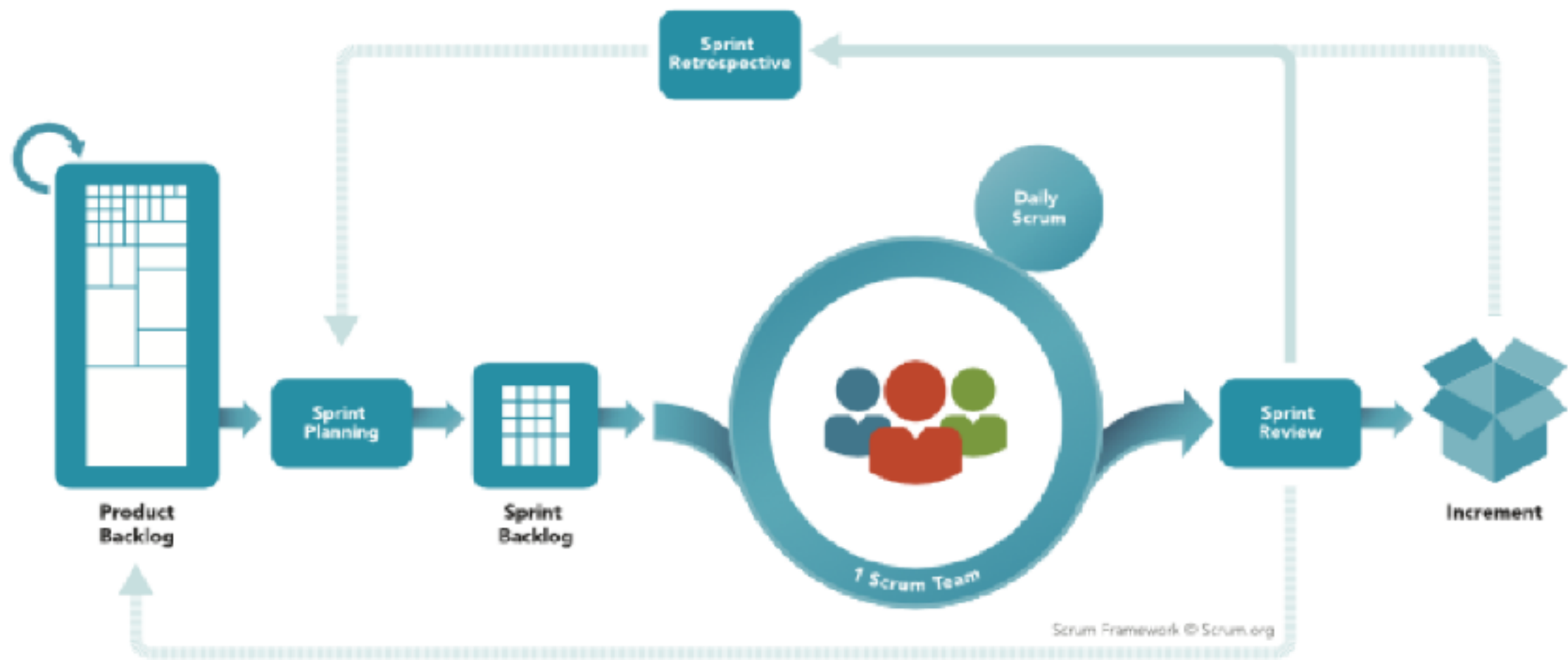


<https://insights.stackoverflow.com/survey/2017>

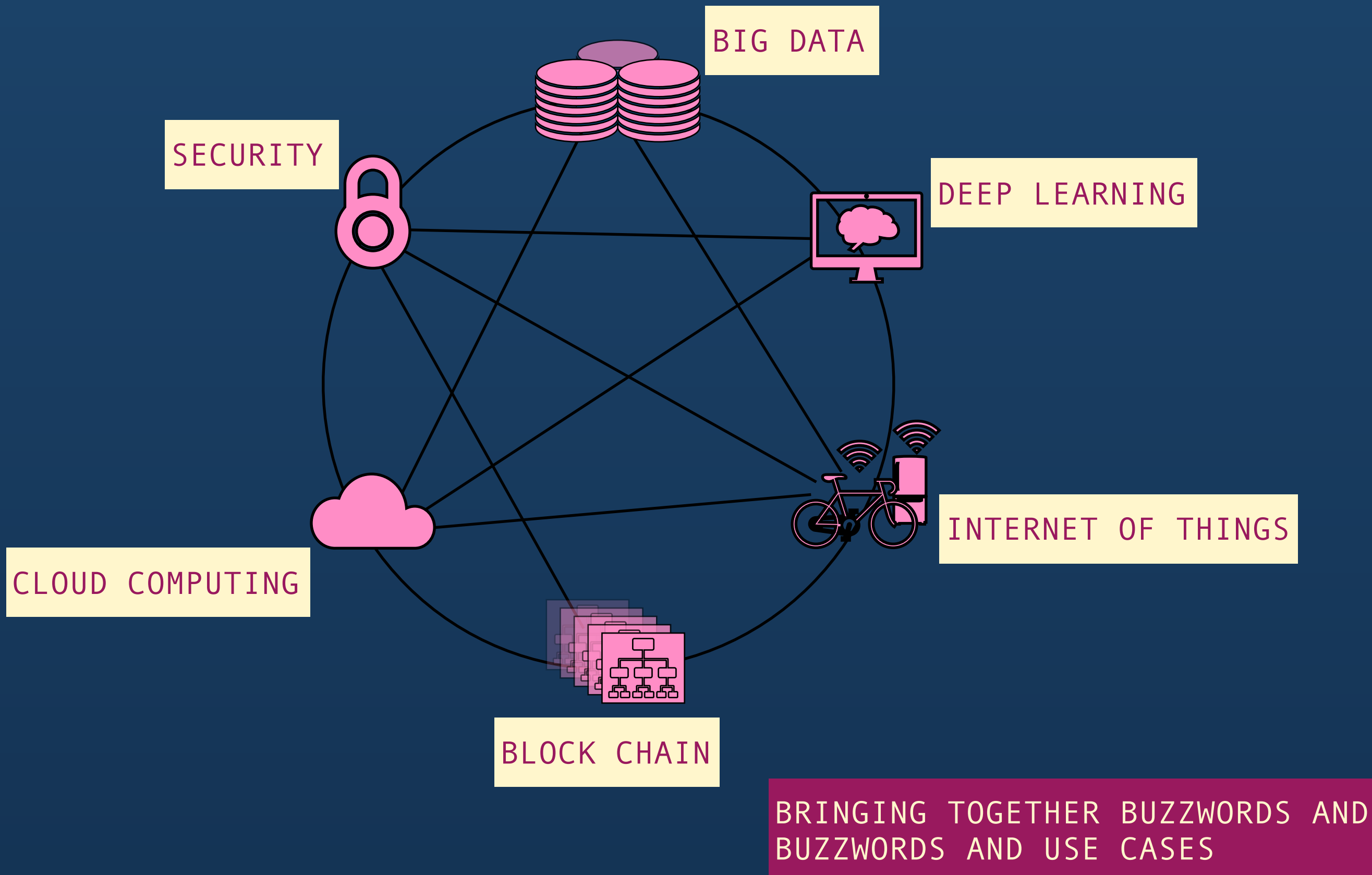




## SCRUM FRAMEWORK



# THE BLEEDING EDGE



## HOW TO START

### MASTER R AND SHINY

[rstudio.com/online-learning/](https://rstudio.com/online-learning/)

### LEARN POSTGRESQL

[postgresqltutorial.com](https://postgresqltutorial.com)

### FIND DATA YOU ARE INTERESTED IN

try these on [forbes.com](https://forbes.com)

### BUILD A DASHBOARD WITH NICE VISUALISATIONS

[shiny.rstudio.com](https://shiny.rstudio.com)  
[jkunst.com/highcharter/](https://jkunst.com/highcharter/)

### PUBLISH ON GITHUB

[pages.github.com](https://pages.github.com)



# GOOGLES CREATISM PROJECT

<https://google.github.io/creatism/>

