

# INTRO TO PYTHON FOR DATA SCIENCE

Joseph Nelson, Represently

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## AGENDA

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- Introduction (confirm install)
- What Python is, what open source means
- Fire up Jupyter Notebook and to
  - 1.) Read in data with Pandas
  - 2.) Conduct filtering, sorting, missing values
  - 3.) Complete four independent exercises along the way

“ ”


All models are wrong. Some are useful.

— George Box, 1978

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ME

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- CEO 
- **From:** Des Moines, Iowa
- **Influences:** a16z, Andrew Ng, Rachel Thomas
- **Likes:** Hockey, SaaS, bad data science puns, running



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## YOU

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- YOU
- Name
- Python exposure (0 to 5)
- Favorite tech company
- Why you want to learn to code (relevant to current job?)

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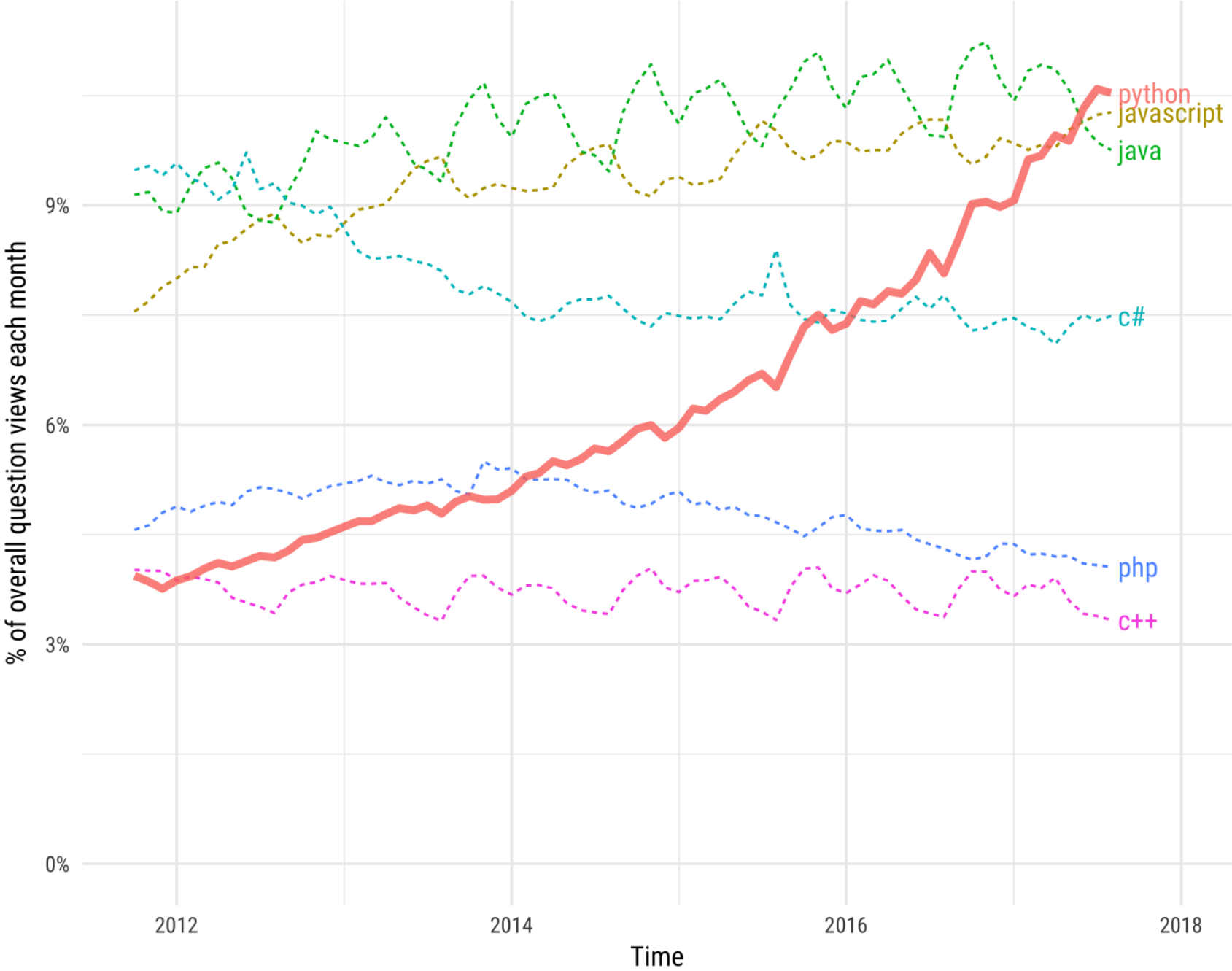
## WHAT IS PYTHON?

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- When you hear Python, what do you think?

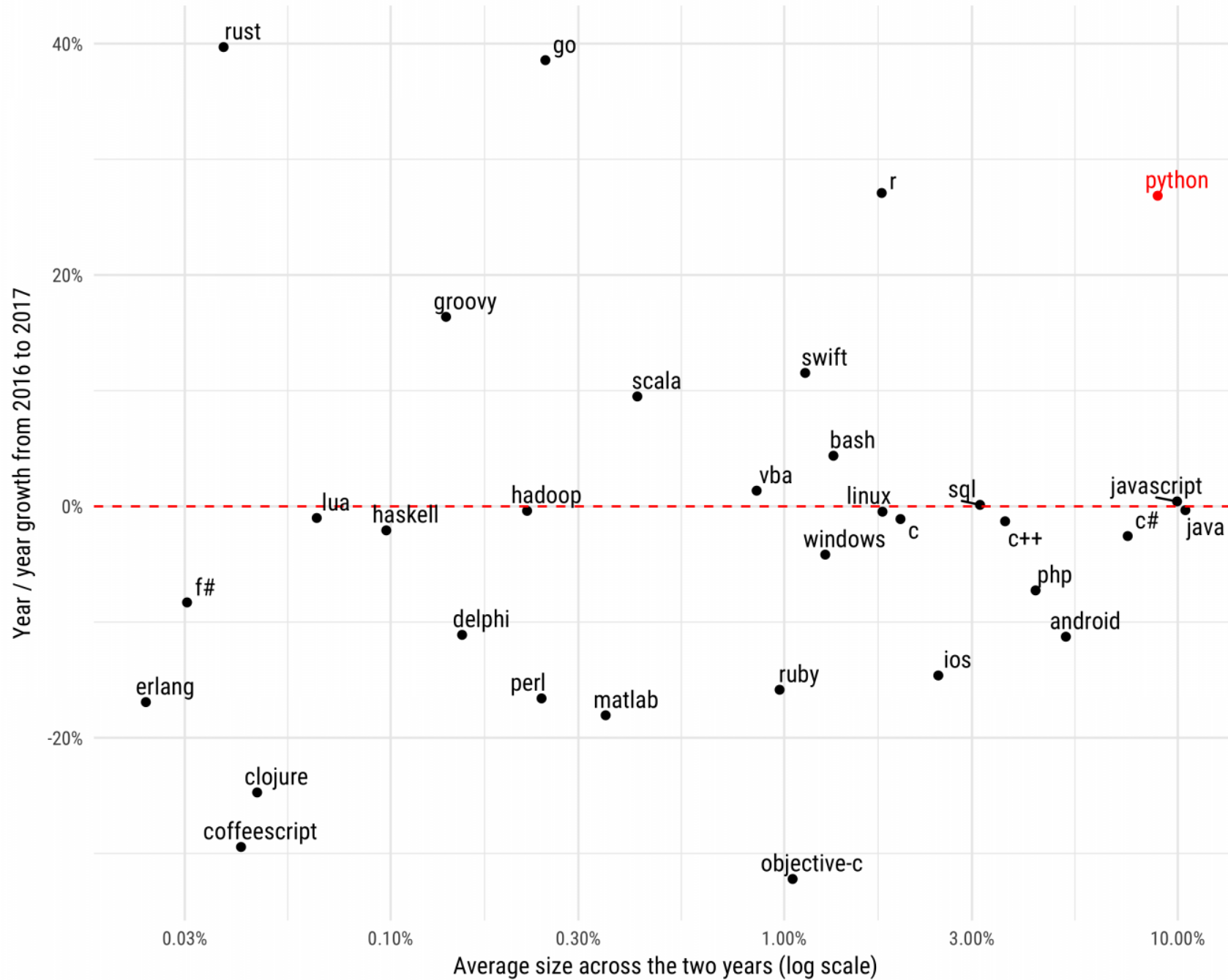
# Growth of major programming languages

Based on Stack Overflow question views in World Bank high-income countries



## Year over year growth in traffic to programming languages/platforms

Comparing question views in January-August of 2016 and 2017, in World Bank high-income countries.  
TypeScript had a growth rate of 142% and an average size of .36%; and was omitted.





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## NEXT STEPS

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- Keep in touch!
- [www.josephofiowa.com/entropy](http://www.josephofiowa.com/entropy)
- If you like data, checkout:
  - Part-time Data Science
  - Data Science Immersive



@josephofiowa

