Data Science

PYTHON, R, JULIA

FEATURE COMPARISON

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BACKGROUND

MID 1980S — **PYTHON**

Created by: Guido Van Rossum
Goal: Simple, readable and easy to learn
Purpose: All purpose language

MID 1990S — **R**

Created by: 3 researchers in New Zealand
Created for: Statisticians and Researchers
Purpose: Statistical comp. and graphics

2012 — **JULIA**

Created by: 4 computer scientists
Goal: Fix the problems of Python
Purpose: Scientific computing

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FEATURES

- Interpreted language

- Object-orientated

- Dynamically typed

- General purpose

- Huge community

- Most popular language in the world

PYTHON

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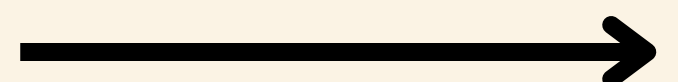
FEATURES

- Interpreted language

- Functional language

- Dynamically typed

- Data centric

- Powerful graphics
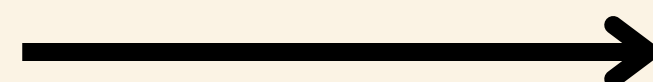
- Many built in functions for statistical analysis

R

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FEATURES

- Compiled language

- Just in time compilation

- Functional language

- Multiple dispatch

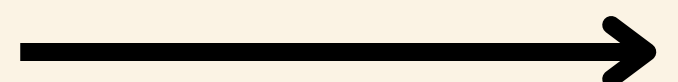- Dynamically typed
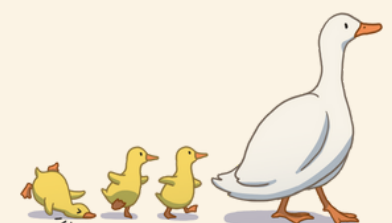
- High performance

- Interoperability

JULIA

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that's all folks

WHICH LANGUAGE DO YOU ALREADY KNOW?

LET ME KNOW IN THE COMMENTS

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●●●

introduce

ABOUT ME

Hi, I'm Benjamen!

I help you become a Data Scientist

I post every day!

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