Python Ecosystem for Data Scientist

WEEK-1

Outline

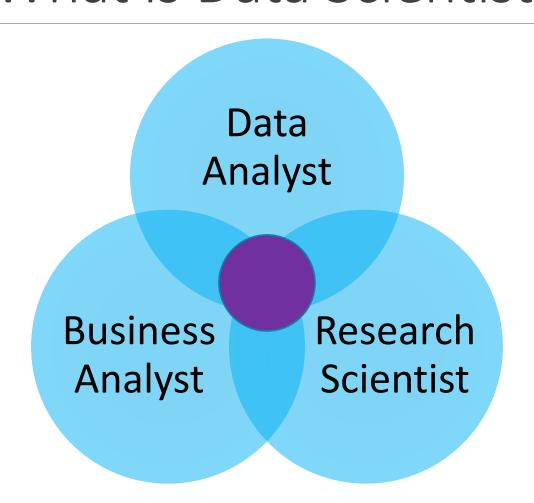
Demystify "Data Scientist"

Python key packages

Pandas – data analytics

Fast visualization in Pandas

What is Data Scientist?



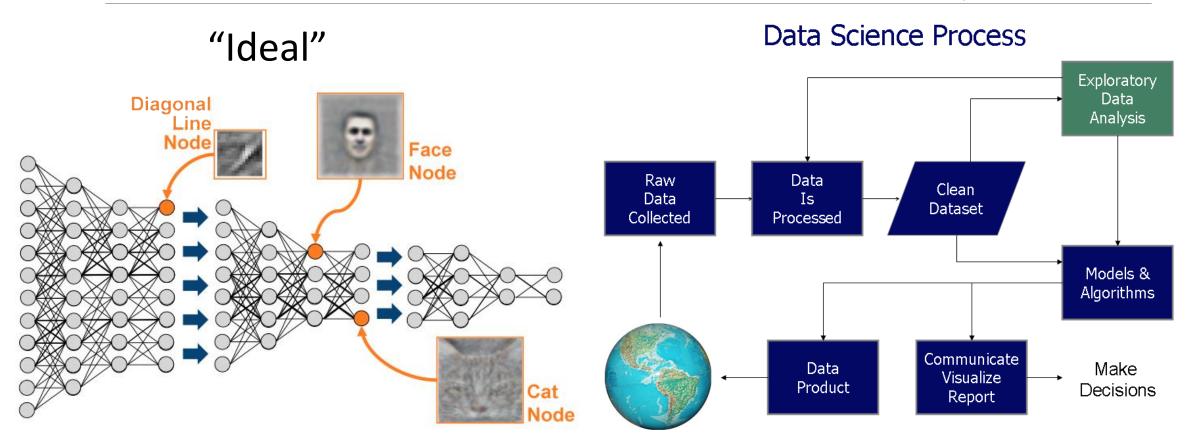
Analytical skills

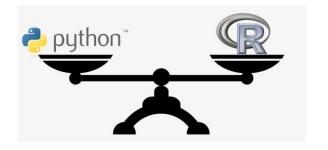
Design algorithm

Business insight

Life as a Data Scientist

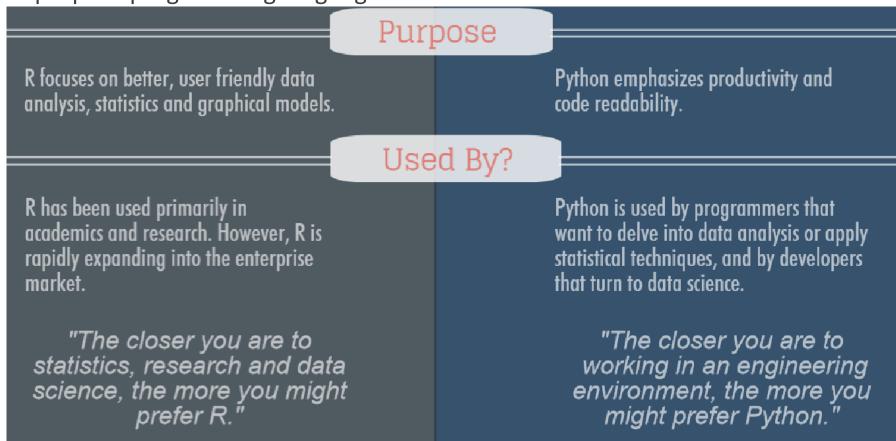
"Reality"





Why Python?

General purpose programming language



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Pandas: Panel Data System

Rich data structures and functions to work with structured data fast, easy and expressive

Build on top of NumPy

Ideal tool for: munging/cleaning/analyzing/modeling data

PANel DAta S

