



Open Source Deployment via the Browser

Yves Hilpisch

Open Source in Quantitative Finance
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I. Our Market and the Problem

II. How to Solve the Problem



Today's standard is "open source", even for key technologies.



Complex analytics work flows are coded in the browser.



Individuals and institutions store more and more data in the cloud.



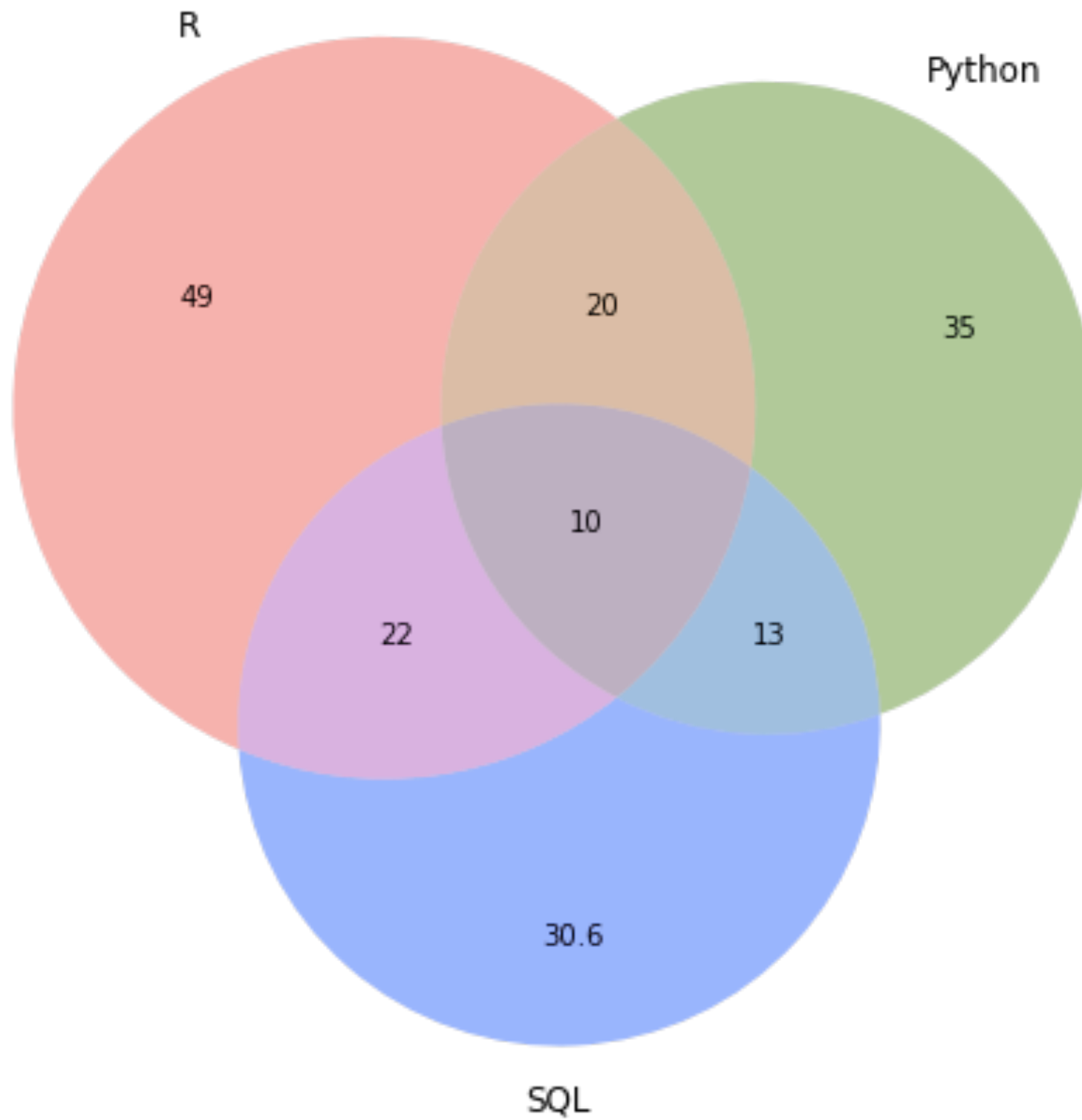
More and more data sets are "open and free".



Dynamic communities shape the way knowledge is transmitted



Infrastructure is a standardized commodity, billed by the hour.



Poll data from August 2014; usage in %. Source: <http://www.kdnuggets.com>

Open Source
fast changing
environment

Vendors & Partners
almost no Python for
Quant Finance experts

Libraries
for financial analytics
mainly missing

Tools & Processes
no real standards,
isolated applications only

Deployment
complex, costly,
lengthy, risky

Maintenance
how to update,
maintain infrastructure?

Diverse End Users
computer & data scientists
as well as domain experts

Training
how to train and
re-train people?

Start
where and how to
start, who to talk to?

- I. Our Market and the Problem
- II. How to Solve the Problem**



datapark
data science in the browser





datapark
data science in the browser



ubuntu.



docker



**“Absorb what is useful, discard what is not,
and add what is uniquely your own.”**

– Bruce Lee

IP[y]: IPython
Interactive Computing



Standard tools and technologies quants and data scientists know and love.



“Only standards, easy in, easy out, fully integrated.”

IPython Notebook/Jupyter, upload, download (eg “zip all”),
integrated with Dropbox, deployable anywhere.

Quant Platform

https://analytics.quant-platform.com/nb/portal/login#

THE PYTHON QUANTS

QUANT PLATFORM

Python 2.7 Python 3.4 Logout

share/plotly/Plotly_Cufflinks.ipynb Shell File Manager My Account

File Edit View Insert Cell Kernel Help

Code Cell Toolbar: None

Series1
 $0.22x+4.40$

Jan 2015 Feb 2015 Mar 2015 Apr 2015

Notebooks

New Notebook

home/share

- ..
- cqfi
- fincap
- general
- oreilly
- plotly
- wiley

Tools

- File Manager
- New Editor
- New Shell
- User Forum

Settings

- My Account
- Administration

Help

- Platform
- Python & IPython
- DX Analytics
- Contact us

Just try it.

<http://datapark.io>

Give us feedback.

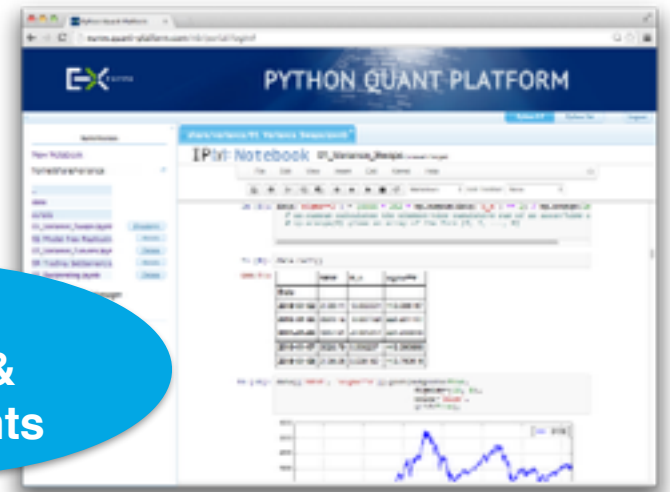
team@datapark.io



DX Analytics on Quant Platform



Use DEXISION from PQP

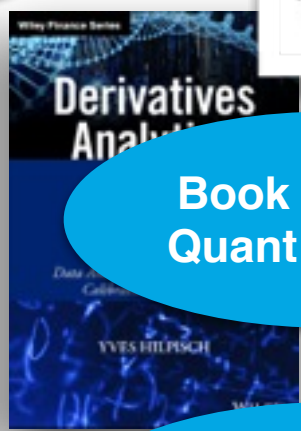


Client projects & deployments

Books explaining DX Analytics



Events using Quant Platform



Book Code on Quant Platform

Trainings using Quant Platform



Trainings based on books



THE PYTHON QUANTS GROUP

The Python Quants GmbH

Dr. Yves J. Hilpisch

<http://tpq.io> | [@dyjh](#)
yves@tpq.io | yves.hilpisch

