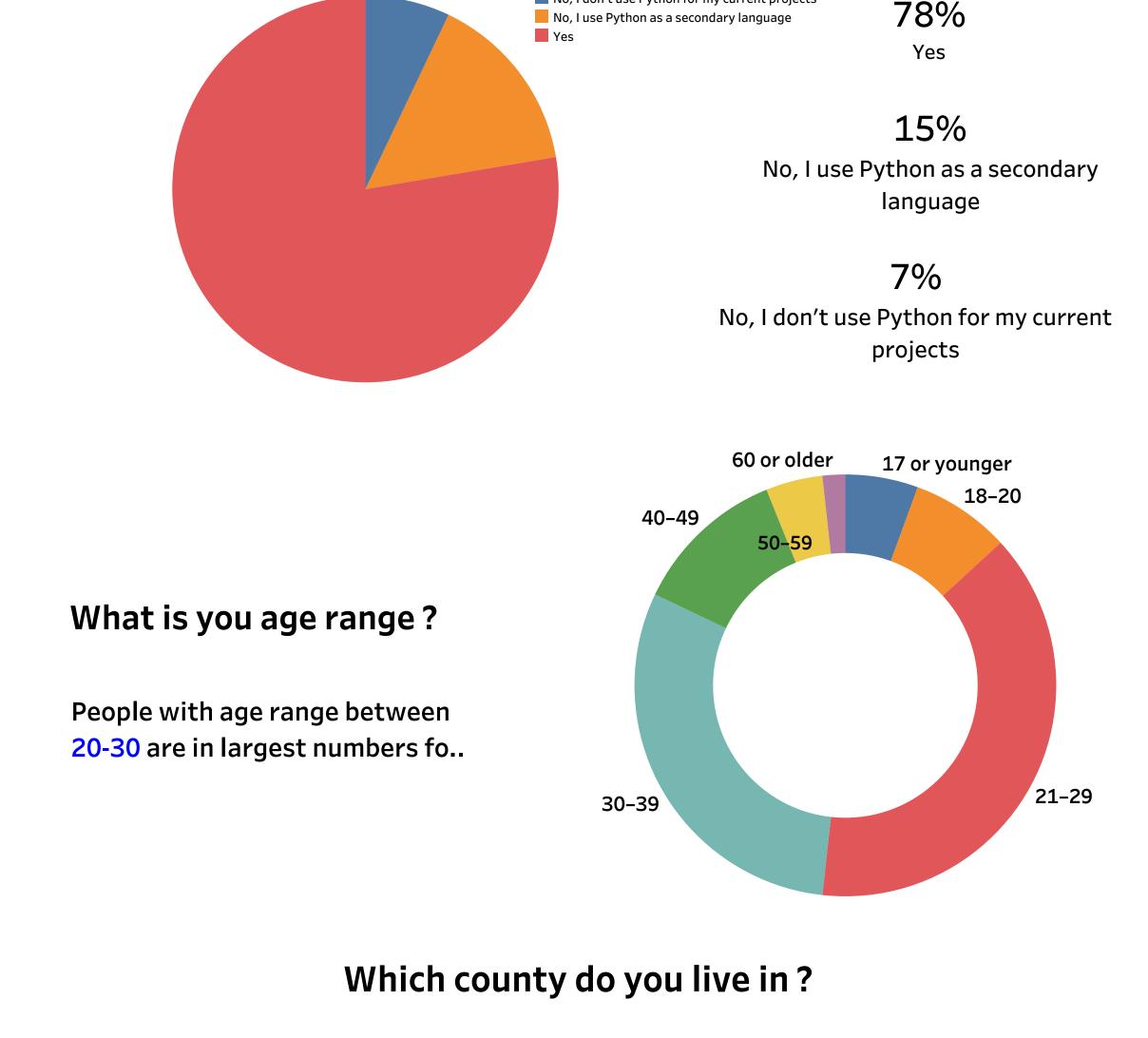
Python Software Foundation and JetBrains conducted a Python Survey to find the latest trend, usage, adaption in the Python community. There were more than 20,000 participants from over 150 countries. The Python developer survey was conducted for the second time in collaboration after the

first one in 2017. The Below Viz is perfect conclusion of the Survey in a manner that you can filter out with respect to Age,...

No, I don't use Python for my current projects

Is python the main language you use for your current project?



Inited States Austria United Kingdom Malavsia United Kingdom Luxembourg Sri Lanka United Arab Emirates Azerbaijan Venezuela Cambodia Lebanan Norway Australia Zimbabwe Spain Argentina Indonesia Pakistan Mexico

Cameroon Ghana Burkina Faso Belarus Poland

About 50% of the python

users also use JavaScript

58% of the python users use the language

18.93%

for Data Analysis which is

8.54%

Most used version of Python 2

Python 2.7

popular with 47% and 45%.

12K

10K

Python 2.6

In web frameworks, Flask and Django were the most

55% of the Python users, who are

using cloud services, prefer AWS.

OpenStack

PostgreSQL

MySQL

SQLite

Redis

Cassandra

Neo4j

DB2

HBase

h2

Couchbase

Most used big data tool(s)

MongoDB

PythonAnyw..

ጘ

Heroku

Google Cloud

Platform

of the following Big Data tool(s) d..

2500

2000

8% more than last year.

6.61%

4.21%

Algeria Romania Colombia Russia

Estonia Thailand Czech Republic Nepal Albania Slovakia Sri Lanka United Arab Emirates

Malawi Croatia Bosnia and Herzegovina

Kyrgyzstan Senegal Panama

Brazil Turkey South Korea Nigeria Ukraine Morocco Philippines

23%

Singapore Portugal

52% use python for Web Development

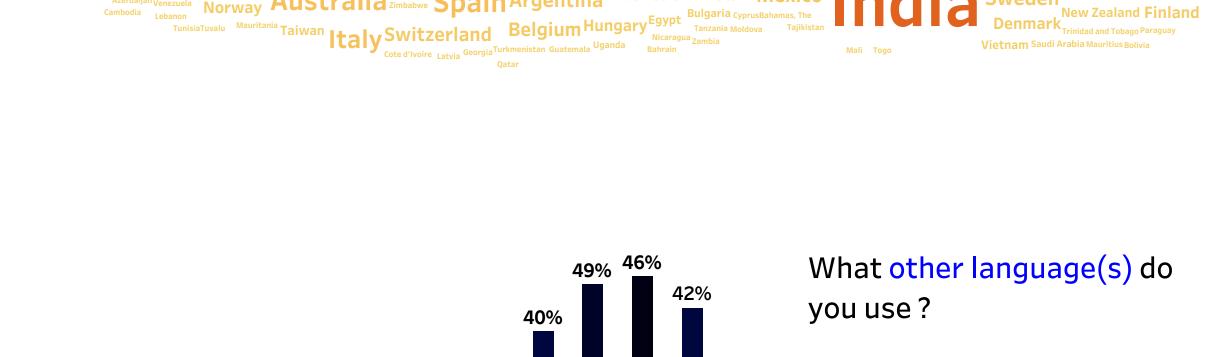
and 43% for DevOps/System

7.47%

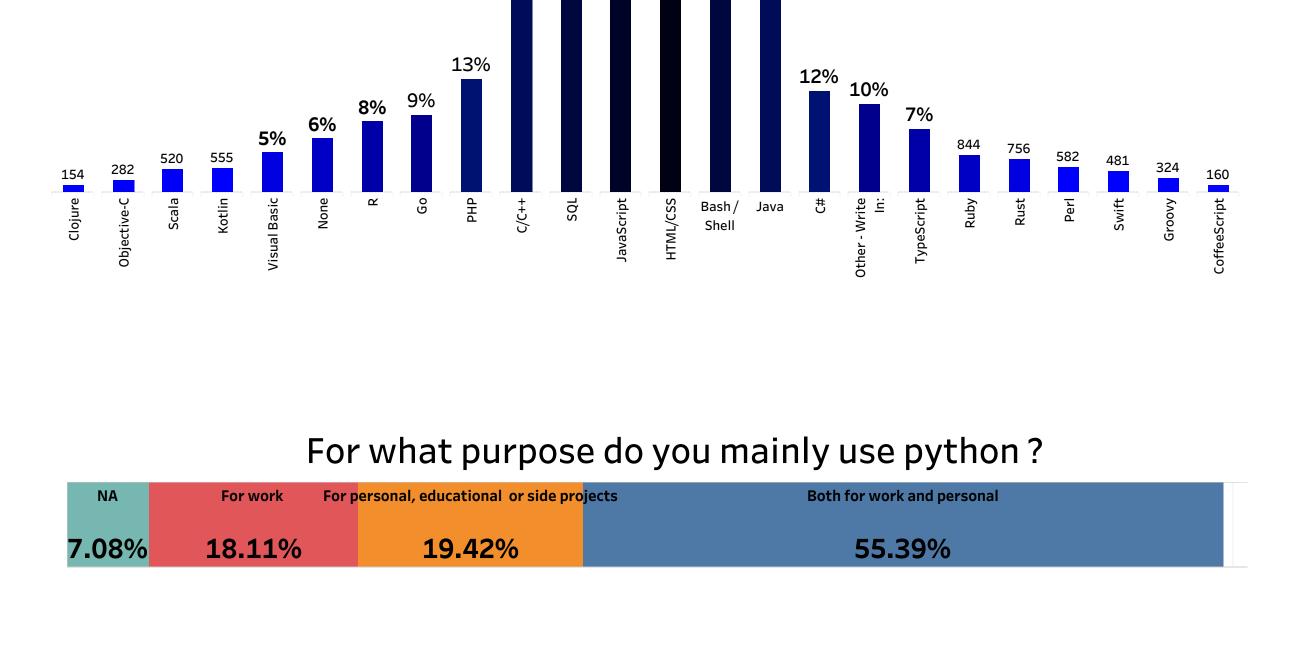
Administration.

5.98%

3.22%



31%



Software prototyping Data analysis development Machine Educational purposes Programming of web automation scripts learning DevOps/System Software testing/ parsers/scrapers/

What do you use Python for?

48.68%

35.66%

29.54%

24.98%

17.35%

Python 3 Vs Python 2 - Users

18,431

Python 3

In data science packages, NumPy was the most used with

About one third of all respondents

don't use any cloud solutions.

linode

OpenShift

Linode

Other - Write

In:

62% Pandas and Matplotlib stand at 51% and 46%

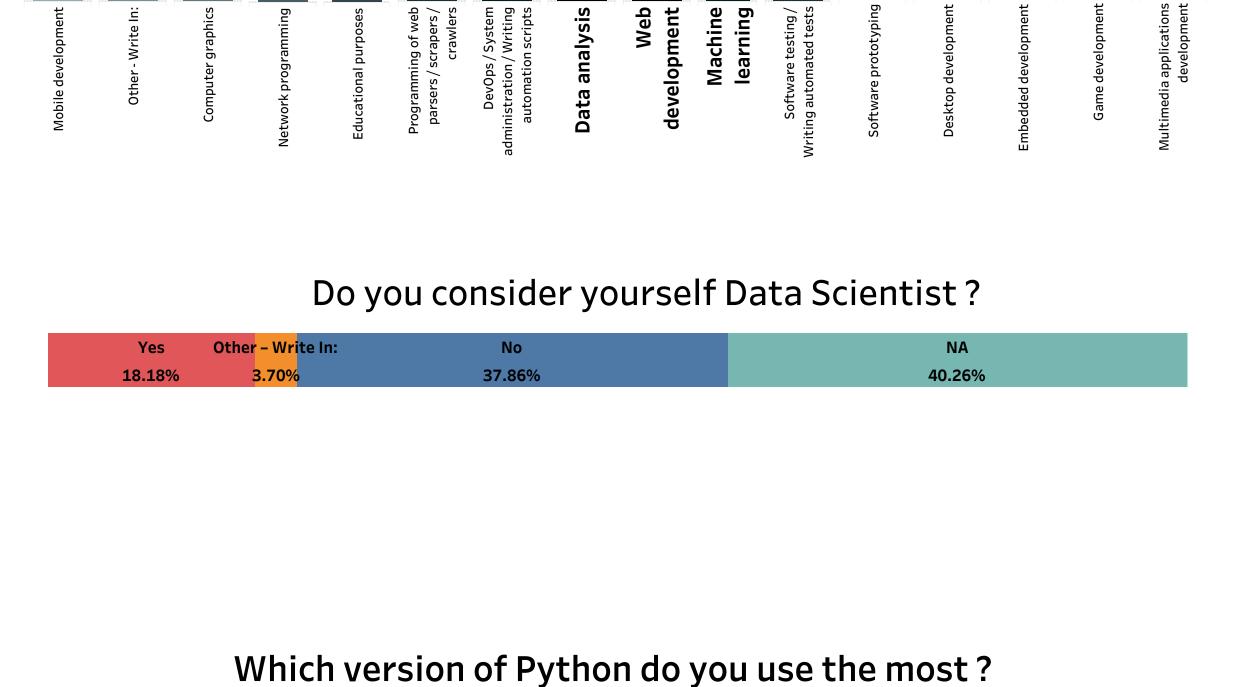
Python 2

53.52%

39.59%

34.28%

25.75%



Most used version of Python 3

Python 3.7

Python 3 is seeing larger adaption with 84% compared to 75%

from 2017. Python 2 stands at 16% and will lose support from

the core team by 2019.

Python 3.3

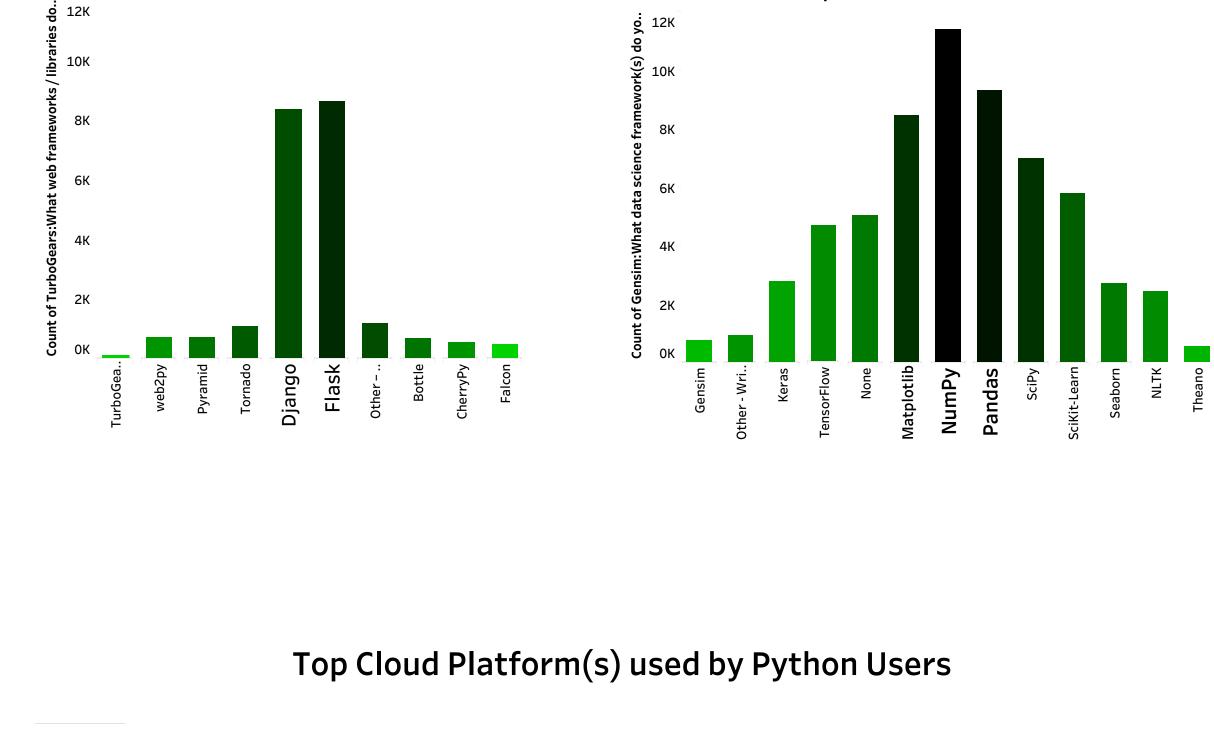
Python 3.5

Python 3.6

What web frameworks / libraries do you use in addition to Python?

12K

10K



aws

AWS

Database used by the Python Users

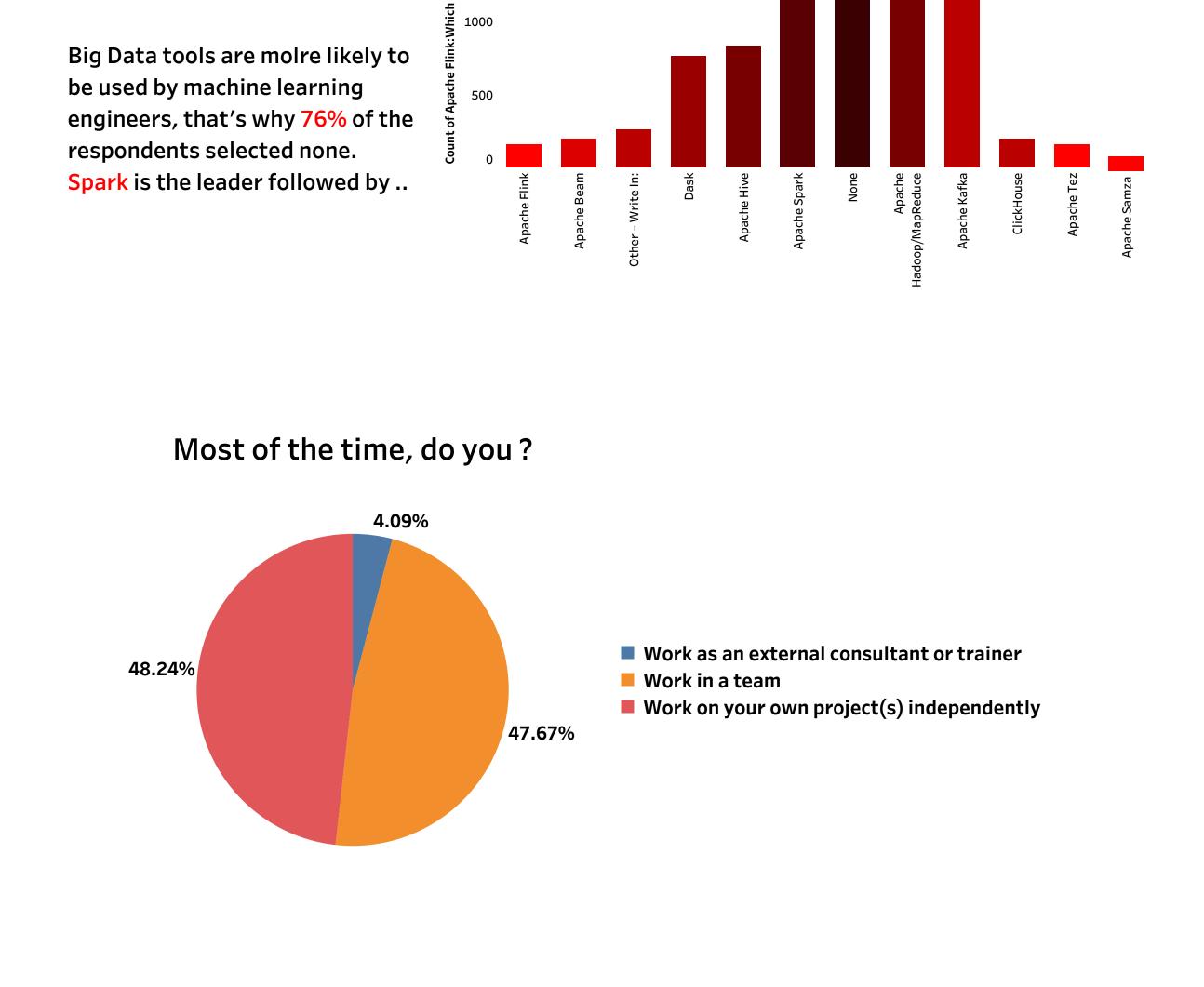
None

DigitalOcean

Microsoft

Azure

None Most people are using free or open **MS SQL Server** source databases such as Postgr... **Oracle Database** Other - Write In: **Amazon Redshift**



Student

Retired

Self-employed

Partially employed

Other – Write In:

Fully employed

Freelancer

20.58%

5.69%

0.93%

4.17%

2.14%

60.34%

6.15%



used together with HTML/CSS, Bash/Shell, SQL, C/C++, and Java.

What is your employment status?

20.58%

5.69%

0.93%

4.17%

2.14%

Key Takeaways

6.15%

Python 3 adoption rate is growing fast and is already at 84%, while Python 2 is used as the main interpreter by only 16% of Python users. That's a huge jump in popularity for Python 3, from 75% in 2017. Data analysis has become more popular than web development among Python users, growing from 50% in 2017 to 58% in 2018.

Half of all developers using Python as their main language also use JavaScript. Python is also frequently

60.34%