

RH

#### 4.1 Intro to Programming for Data Analysts

2. Python is so popular among data analysts because it has a lot of features that makes it more appealing in terms of completing the same task when compared with other programming languages. Python continues to remain first in rank first among users because of its versatily-easy to read, learn and write; many support libraries; and extensive and active community base, not to mention its open source.
3. The five top companies in the world that use Python include Google, Netflix, Spotify, Instagram and Dropbox.
4. Explain what tool you would use and why.  
Small data set needing some quick tweaks and minor analysis including filtering some columns and making a quick chart:

Excel because only need to filter columns and produce a quick chart (and no further data is given or analyses required).

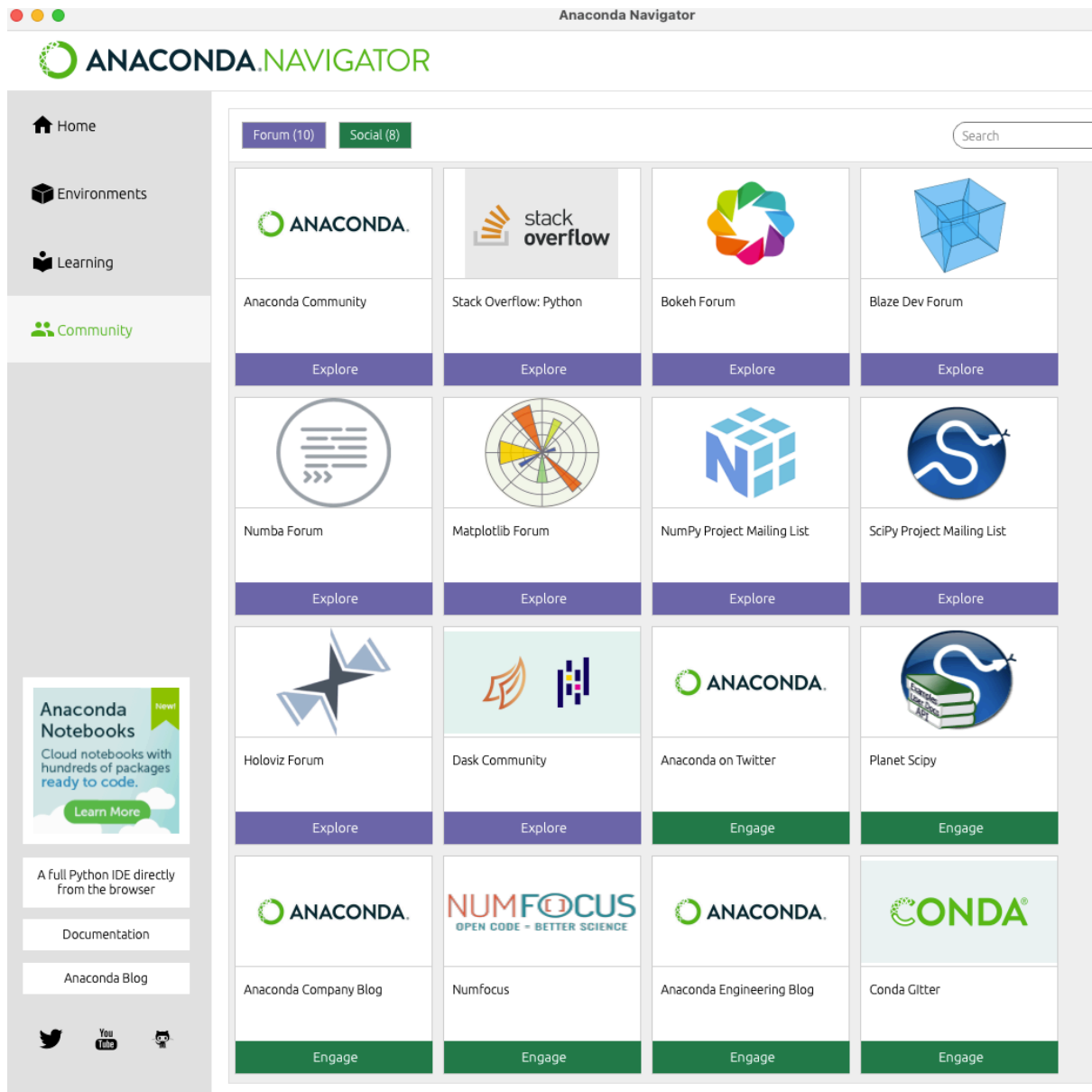
Retrieve some portion of data from a very large database:

SQL as you are dealing with retrieving some portion of data from a very large database (and SQL is used to interact with databases)

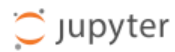
Data set of 15,000,000 rows and 350 columns needing sorting and prep for a more advanced analysis:

Python since the data set is larger and requiring prep for a more advanced analyses.

## 9. Download Anaconda and launch Jupyter:



**UPDATE** Read [the migration plan](#) to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to Notebook 7 might break some of your extensions. Don't show anymore



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<input type="checkbox"/>	Documents		2 months ago	
<input type="checkbox"/>	Downloads		an hour ago	
<input type="checkbox"/>	Movies		2 months ago	
<input type="checkbox"/>	Music		2 years ago	
<input type="checkbox"/>	Pictures		2 years ago	
<input type="checkbox"/>	Public		2 years ago	
<input type="checkbox"/>	PycharmProjects		6 months ago	
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