**Crunching data with python**

[SUBRZ](https://www.edx.org/courses/MITx/6.00x/2012_Fall/discussion/forum/users/276794) a day ago

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Few days ago, a fellow 6.00Xer asked something about Python for statistical analysis or something similar, of-course he mentioned the heavily weighted tool **R** which needs no introduction regarding statistical analysis, however ....

I don't know R but I guess 3 months ago, I was reached by a medicine student(I don't know what you call people planning to become doctors!!). She was on the path of doing her final year thesis. She had many patients to analyse and I am no expert but a guy who learned programming from 6.00. On youtube I saw a video about Ipython [IPython in-depth: high-productivity interactive and parallel python](http://www.youtube.com/watch?v=2G5YTlheCbw) (I didn't understand the last third of it, but it was good), after that I saw another video presented at PyCon2012 about using some library called pandas (looked silly with the name at first, but later I was proved silly by thinking like that).

Long story short, I used that library to analyse the patients (some basic statistics was applied) and that student was very happy with the result.

I was unable to provide the link due to some internet crap, but here it is:

[Data analysis in Python with pandas](http://www.youtube.com/watch?v=w26x-z-BdWQ)

and here is the data so you can play a long with the instructor:

[pandas data](http://t.co/nz95bSTY)

Hope this helps, definitly helped me (and the student of-course, she is taking her residency exam in few days, wish her luck please)

1. [1](javascript:void(0)) [SUBRZ](https://www.edx.org/courses/MITx/6.00x/2012_Fall/discussion/forum/users/276794)

a day ago

I believe, by downloading the **Enthought** recomended download at the beginning of the course, you already have Ipyhon and the Ipython notebook

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