Hello, world!

I have to write a program based on the least-squares function :

$$\chi^2 = \sum_{i=0}^{n-1} \left(\frac{(y_i - y(x_i))}{\sigma_i} \right)^2 \tag{1}$$

"But Sal, that's really hard, can you show me something easier?" you say.

"But of course, my students!"

Let's say you want to write a simple function like $y = \sin x$. Or, you can do easy subscripts (like x_i) and superscripts (like x^2).

We can even speak in Greek! $\alpha\beta\gamma\delta\epsilon$ and I don't remember the rest.

Oh! You can do sections too. As follows.

1 Problem 1

Problem 1 would go here.

2 Problem 2

Problem 2 would go here. It comes after Section 1. Take a look in my Feedback, Section 3.

3 Feedback

This class really needs a better room, dude.

4 Problems I'm having

I can't get pyplot installed, wtf is going on?

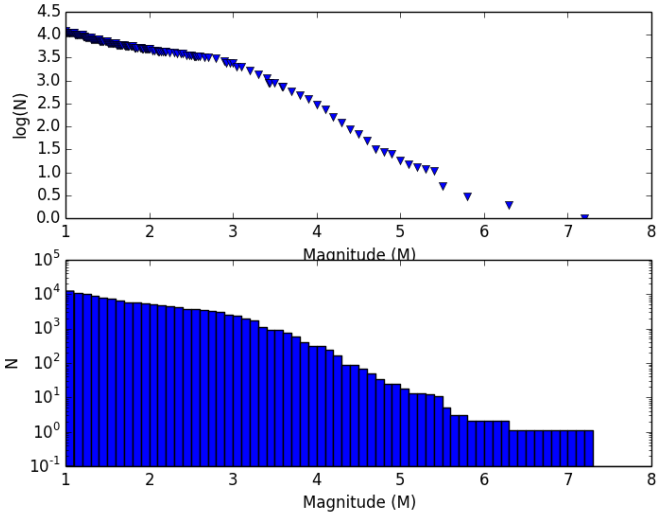

Figure 1: Output of quake.py