
Subject: Re: Frustrated by 2 Data Plotting problems
Posted by [Kenneth P. Bowman](#) on Tue, 31 May 2011 14:36:42 GMT
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In article <MPG.284ac0e2722642419898e3@news.giganews.com>,
David Fanning <news@idlcoyote.com> wrote:

> Kenneth P. Bowman writes:

>

>> IDL> .r test_scatter

>> % Compiled module: TEST_SCATTER.

>> IDL> test_scatter

>> Elapsed time : 5.5195148

>

> I guess my machine is a LOT slower. Which confuses me,
> because I spent good money on this darn machine! :-(

This is running on a Mac laptop from a couple of years ago.
(Sorry, I don't mean to embarrass your computer.)

> But this sort of proves my point. If I run your program
> with 1 percent of the points, the "visualization" doesn't
> change in any material way, but the time is reduced by
> a factor of 1000.

Actually, I think it proves **my** point. You plot all of the
data. You see that there is a lot of overlap. You decimate
the data and plot it again. If the results are qualitatively
the same, you can continue with the decimated data, but you
don't want to **start** by decimating the data. You might miss
something important (like outliers).

Cheers, Ken
