Subject: Re: poly_fit for less number of points
Posted by Heinz Stege on Sat, 04 May 2013 12:00:09 GMT

On Sat, 4 May 2013 03:44:28 -0700 (PDT), sid wrote:

> Hello everyone,
>   I have only 6 x values and y values, for example
> my x = [3932.9321,3933.0452,3933.1162,3933.2514,3933.3517,3933.4271]
> y = [0.090313701,0.084354165,0.080794218,0.075102273,0.074025219 ,0.082037902]
> I have to fit this with polynomial, I tried svdfit and poly_fit. But are not giving good fit. Please
suggest me a way to fit these data points.
>
> thanking you in advance
> sid

You could try the following: Calculate the average xc of the x values.
Then transform the x values to xt=x-xc and do the fitting for the
tranformed values.

Heinz