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Subject: Re: poly\_fit for less number of points  
Posted by [Craig Markwardt](#) on Sun, 05 May 2013 19:55:01 GMT  
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On Saturday, May 4, 2013 10:02:57 AM UTC-4, sid wrote:

> On Saturday, May 4, 2013 4:14:28 PM UTC+5:30, sid wrote:

>

>> Hello everyone,

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>> I have only 6 x values and y values, for example

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>

>> 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.

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>> thanking you in advance

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>> sid

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> Thank you very much sir it works. But can you please suggest me is there any other fit available to fit this kind of dataset. Because I want to get a smoothed fit.

>

This fit,

res = poly\_fit(x, y, 2)

gives a smooth fit.

Craig

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