
Subject: Re: poly_fit for less number of points
Posted by [Craig Markwardt](#) on Sun, 05 May 2013 19:59:13 GMT
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On Saturday, May 4, 2013 6:44:28 AM UTC-4, 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.

This fit,

```
res = poly_fit(x-mean(x), y, 2)
```

gives a smooth fit.

Craig
