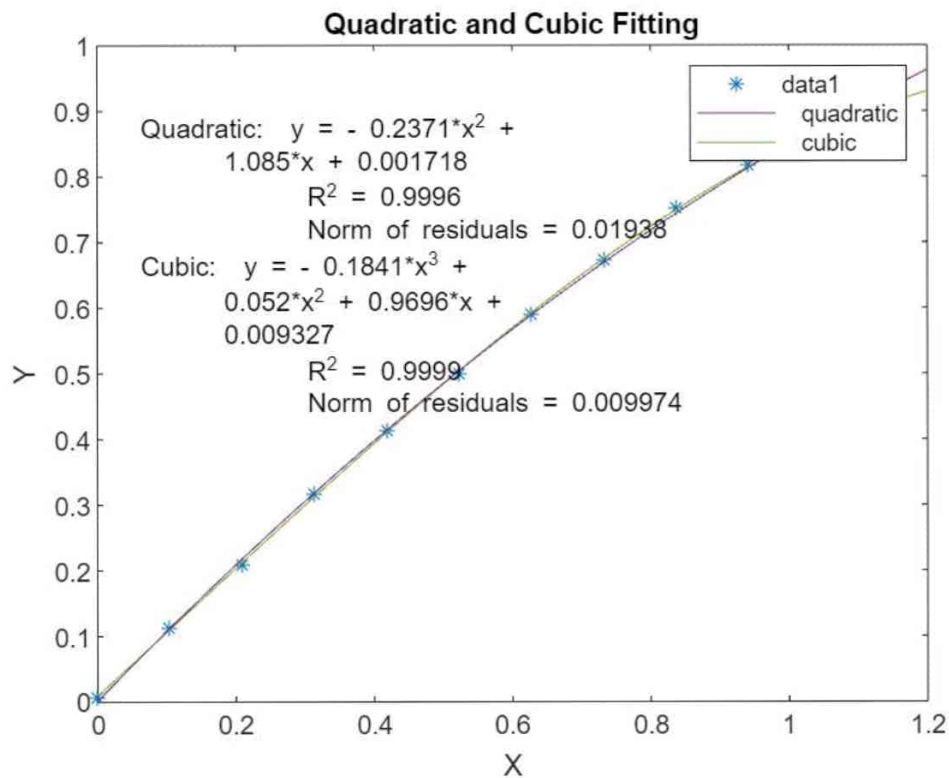


---

```
% Roll No: 207
% Batch: C3
% Date: 16-03-2023
% Name: Mohanish Khambadkar
% Assignment 4
```

```
% 2. X is 0 to pi/3 with an interval of pi/30. Y =sin(x) + rand(size(x))/100.
Plot X vs Y with any marker symbol. Use basic fitting to do a quadratic and
cubic fitting. Show equations, plot residual, and show norm of residuals.
```

```
X = 0:pi/30:pi/3;
Y = sin(X) + rand(size(X))/100;
plot(X, Y, '*');
xlabel('X');
ylabel('Y');
title('Quadratic and Cubic Fitting');
```



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