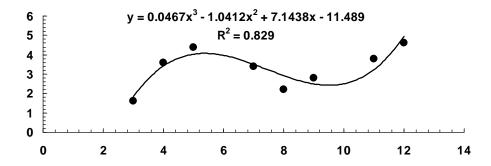
Solution 17.17

We employ polynomial regression to fit a cubic equation to the data

$$y = 0.046676x^3 - 1.04121x^2 + 7.143817x - 11.4887$$
 $(r^2 = 0.828981; s_{y/x} = 0.570031)$

The model and the data can be plotted as



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