

Homework 4, Due F 02/09

Read Chapter 5 (Moore).

Problems

1. Download the 2 plots and the data set.
 - a) Get the equation of the LSRL for *Date of Birth* vs *Age*. Does the plot suggest good fit?
 - b) Remove the outliers and recompute the LSRL.
 - c) Plot the new LSRL on the graph. What do you see?
 - d) What does the residual plot tell you? What is x and y there?
 - e) Does the residual plot suggest good fit?
 - e) Compute the residuals for the new LSRL. Plot the residuals in a new graph. Does it suggest better fit?
2. Ex. 5.10, Page 133.
3. Ex. 5.25, Page 139.
4. Ex. 5.45, Page 147.