

## Practice: Using the Linear Regression Task to Generate Potential Outliers

Generate statistics for potential outliers in the **bodyfat2** data set, write this data to an output data set, and print your results.

1. Use the Linear Regression task to run a regression model of **PctBodyFat2** on **Abdomen**, **Weight**, **Wrist**, and **Forearm**. Create plots to identify potential influential observations that are based on the suggested cutoff values.
2. Write a DATA step to merge the four output data sets based on the common variable, **observation**. Add code to subset the data to select only the observations that are potentially influential outliers. Name the output data set **influential**. Submit the code and use the PRINT procedure or the Table Viewer in SAS Studio to display the **influential** data set.

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