Practice 2.2 (Level 2): Grouping Model Diagnostics

Task

In this practice, you use the data set **influence**, which contains the influence statistics that you created in the previous practice, to create a scatter plot of the residuals versus the predicted values.

Note: Before you complete this practice, you must run the code for practice 2.1 in the same SAS session.

Reminder: Make sure you've defined the **mydata** library.

1. Use PROC SGPLOT to create a scatter plot of the residuals versus the predicted values, as follows:

   - For information about the GROUP option, see the documentation for PROC SGPLOT.
   - Use **Manufacturer** as the grouping variable.

```
proc sgplot data=influence;
   scatter y=rstudent x=pred / group=Manufacturer;
   refline 0;
run;
```

2. Do you see any patterns?

   Based on the results, no manufacturer seems to have more observations that are influential than any of the other manufacturers.

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Hide Solution

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