SLR Weight-Length Relation - Nunavut Exercise

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1. Load the `PG008_original.xlsx` file into a data.frame object and restrict the data to only those fish captured in **freshwater** in **2010**. Use these data for the following questions.

    a. Fit an appropriate (i.e., assess the assumptions) weight-length relationship to these data.

    b. What is the r^2 for the fitted relationship?

    c. Provide a table of parameter estimates (and 95% confidence intervals) for the weight-length relationship regression.

    d. Predict (with 95% prediction interval) the **weight** of a fish with a given length (i.e., choose a reasonable length)?

    e. Provide summary graphics of the weight-length relationship regression on two scales (i.e., two graphics).

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2. [*Time Permitting*] Repeat the above analyses for some other subset of Arctic Charr.
