

Perform Non-linear Regression in PE

To perform non-linear regression, follow the steps below:

1. Open the **Performance Models** window.
2. Right-click the node of the data set where linear regression will be performed and select **Analyze Model**. The system displays the Analyze Model window with a condition versus age plot of all data points in the data set.
3. Click the **Models** tab.
4. In the **Model Run** column, locate the record showing 0-Selected Model.
5. Right-click this record and select **Find Closest Models**. The system performs a "least squares" quasi-regression analysis for each model type using the entire data set. It then inserts six records in the pane, one for each model type, to contain the results of the analysis. Each record is assigned a Model Run type of 4-Least Squares.