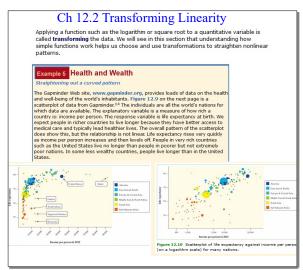
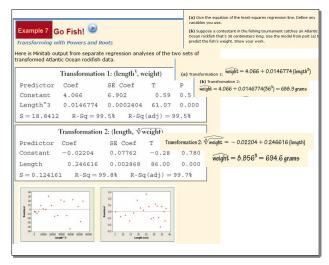
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Power Model vs Exponential Model

Power model

 $(\log x, \log y)$ or

(log explanatory variable, response variable)

If the scatterplot of logarithm (or natural logarithm) of the response variable values and the logarithm (or natural logarithm) of the explanatory values has a linear form, then the 2 variables can be modeled using a power function.

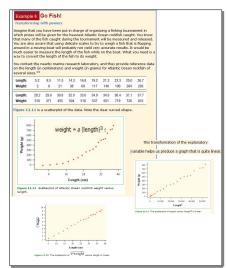
Exponential Model

(x, log y) or

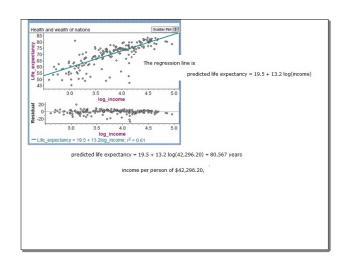
(explanatory x, log response variable)

If the scatterplot of logarithm (or natural logarithm) of the response variable values and the original explanatory values has a linear form, then the 2 variables can be modeled using an exponential function.

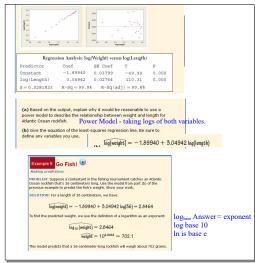




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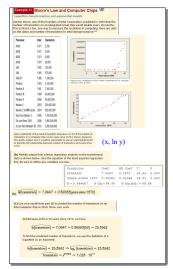


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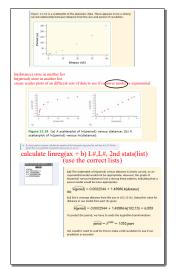


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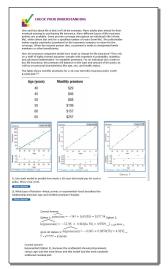
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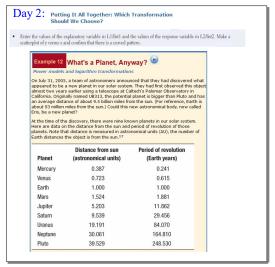
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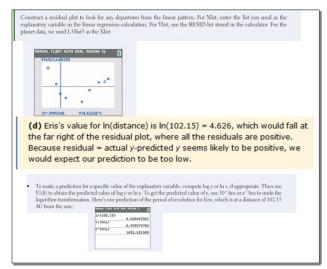
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Mar 8-3:25 PM



Mar 8-12:07 PM



Mar 8-12:12 PM