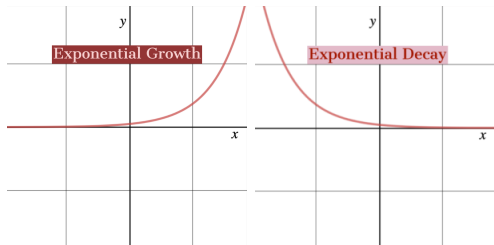


4.2: Introduction to Exponential Relationships

What you'll learn to do: Use an exponential model (when appropriate) to describe the relationship between two quantitative variables. Interpret the model in context.

A common nonlinear model that occurs in real life is an exponential model, which is characterized by having a constant factor (or multiplier) for each constant increase in the dependent variable. Visually, the scatterplot of an exponential relationship should roughly follow a curve of one of these two shapes:



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