



Steps from Analyzing Alligators Movie Part 1

1. In Exercise Area, save the Alligator.xlsx file to a local drive
2. Open the File that was previously downloaded
3. Select range by clicking in cell A5, holding the mouse button and selecting cell B29
4. Select Insert and then choose Scatter chart, then choose the scatter option
5. With the chart selected, the Chart Toolbar appears, click on the design tab and choose layout option 1
6. In the title area, type Alligator Regression
7. In the X axis title, type Length in Inches
8. In the Y axis title, type Weight in Pounds

Steps from Analyzing Alligators Movie Part 2

1. Right click on a point in the chart
2. Choose add Trendline
3. Experiment with the types of trendlines, settle on the exponential option

Steps from Analyzing Alligators Movie Part 3

1. Right click on the trendline (this is a small area, be sure and have your mouse just on the line when clicking)
2. Select Format Trendline
3. In the Forecast area, type 3.0 in the forward box and click close
4. Right click on the trendline
5. Select Format Trendline
6. Check Display Equation on Chart and click close
7. Right click on the equation
8. Select Formal Data Series
9. Select Number in the Category on the right hand side, and then when the decimal places option appears, type 4 and then click close
10. In cell B30, type $=3.8013*2.718^{(0.0354*A30)}$ to fill in column B with the forecasted lengths
11. Click the fill handle in the bottom of cell B30 (looks like a black + sign) and drag to B32 to fill the formula down