**Chapter 7.4 Excel Instructions**

Use the **Butler.xlsx** file in the Chapter 7 folder of the Student Data files.

**Calculate the Coefficient of Determination**

1. Right click on any data point
   1. Select “Add Trendline”
   2. In the Trendline Options, select:
      1. “Display R-squared value on chart”

Use the **ButlerWithDeliveries.xlsx** file in the Chapter 7 folder of the Student Data files.

Use Excel’s Regression tool to estimate the multiple regression model

1. Click the **Data** tab in the Ribbon
2. Click **Data Analysis** in the **Analysis** Group
3. Select **Regression** from the list of **Analysis Tools** in the **Data Analysis** tools box and click **OK**
4. When the **Regression** dialog box appears
   1. Enter D1:D301 in the **Input Y Range:** box
   2. Enter B1:C301 in the **Input X Range:** box
   3. Select **Labels**
   4. Select **Confidence Level:**
   5. Enter 99 in the **Confidence Level** box
   6. Select **New Worksheet Ply:**
   7. Click **OK**