## Module 1 Challenge – Excel

* Conditional formatting
  + Conditional formatting is applied appropriately to the outcome column (5 points)
  + Conditional formatting is applied appropriately to the percent funded column (5 points)
* Column Creation
  + Six new columns were correctly created for:
    - percent funded
    - average donation
    - category
    - sub-category
    - Date Created Conversion
    - Date Ended Conversion
* Pivot Tables and Stacked Column Charts
  + Correctly created a pivot table that counts how many campaigns were "successful," "failed," "canceled," or are currently "live" per category (7.5 points)
  + Correctly created a stacked column pivot chart that can be filtered by country (7.5 points)
* Pivot Tables and Line Graphs
  + Correctly created a pivot table with a column of outcome, rows of Date Created Conversion, values based on the count of outcome, and filters based on parent category and Years (7.5 points)
  + Correctly created a pivot chart line graph (7.5 points)
* Written Report
  + Draws three conclusions from the data (10 points)
  + States limitations of the dataset and suggestions for additional tables of graph (10 points)
* Crowdfunding Goal Analysis
  + Computed calculations of percentages for projects that were successful, failed, or were canceled per goal range (5 points)
  + Created a line chart showing the relationship between the goal’s amount and its chances at success, failure, or cancellation (5 points)
* Statistical Analysis
  + Computed calculations of the mean, median, min, max, variance, and stdev using Excel formulas (15 points)
  + A brief and compelling justification of whether the mean or median better summarizes the data (5 points)