***Module 1 Challenge Report:***

1. Opened a new Excel sheet and created 3 new sheets.
   * Sheet One for Kickstarter sheet
   * Second for Outcomes Based on Goals
   * Third for outcome Based on Launch.
2. Copy the Kickstarter data from original file provided during the Module 1 Exercise into Kickstarter sheet.
3. First typed the headings in the columns into Sheet Outcomes Based on Goals. That will create 8 columns.

* Goal
* Number Successful
* Number Failed
* Number Canceled
* Total Projects
* Percentage Successful
* Percentage Failed
* Percentage Canceled

1. Entered the given data for Goal and created 12 rows.

* Less Than 1000
* 1000 to 4999
* 5000 to 9999
* 10000 to 14999
* 15000 to 19999
* 20000 to 24999
* 25000 to 29999
* 30000 to 34999
* 35000 to 39999
* 40000 to 44999
* 45000 to 49999
* Greater than 50000

1. To find the Number of successful, Failed, and Canceled Plays from Kickstarter data, used the Function “COUNTIFS” in Excel.

COUNTIFS(criteria\_range1, criteria1, [criteria\_range2, criteria2]…)

* **Number Successful**

=COUNTIFS(Kickstarter!$F:$F,"Successful", Kickstarter!$R:$R, "Plays", Kickstarter!$D:$D, "<1000")

Frist typed the COUNTIFS function to count the total ***Successful*** numbers. Select the sheet to pull the data (in this case Kickstarter). Then select the Column were ***Successful*** is listed (in this case Column is F:F). To perform the second function select the sheet (Kickstarter) again and select the row (R:R) to find the Subcategory and finally select the sheet again (Kickstarter) to select Goal and close with the range.

* **Number Failed**

=COUNTIFS(Kickstarter!$F:$F,"Failed", Kickstarter!$R:$R, "Plays", Kickstarter!$D:$D, "<1000")

Typed the COUNTIFS function to count the total ***Failed*** numbers. Select the sheet to pull the data (in this case Kickstarter). Then select the Column were ***Failed*** is listed (in this case Column is F:F). To perform the second function select the sheet (Kickstarter) again and select the row (R:R) to find the Subcategory (Plays)and finally select the sheet again (Kickstarter) to select Goal and close with the range.

* **Number Canceled**

=COUNTIFS(Kickstarter!$F:$F,"canceled", Kickstarter!$R:$R, "Plays", Kickstarter!$D:$D, "<1000")

Frist typed the COUNTIFS function to count the total ***Canceled*** numbers. Select the sheet to pull the data (in this case Kickstarter). Then select the Column were ***Canceled*** is listed (in this case Column is F:F). To perform the second function select the sheet (Kickstarter) again and select the row (R:R) to find the Subcategory Plays) and finally select the sheet again (Kickstarter) to select Goal and close with the range.

1. For Total projects Added the Successful, Failed, and Canceled column. (Column B+C+D)
2. To find the percentage successful, Failed, and Canceled divide then with total Projects. (with column E).
3. Selected the Goal, Percentage Successful, Percentage Failed, and Percentage Canceled COLUMN to create a line chart. Note: CHANGE THE CHART TITAL.
4. Create the PIVOT TABLE.
   * **Filter** 
     1. Added the Parent Category and Years.
   * **Column:** 
     1. Added the Outcomes.
   * **Rows:**
     1. Added the Data created.
   * **Values**
     1. Added the Count of outcomes.
5. Change the colors in the graph and removed the Live bar from the graph.
6. Finally, upload all the data onto Github.