* Q1: Use conditional formatting to fill each cell in the outcome column with a different color, depending on whether the associated campaign was successful, failed, canceled, or is currently live.

Outcome column has been color differentiated by using conditional formatting for successful: green color, failed: red color, canceled: dark grey, live: yellow color as shown in Q1 worksheet under Crowdfunding Analysis

* + Q1(a): Create a new column called Percent Funded that uses a formula to find how much money a campaign made relative to its initial funding goal.

Percent funded column was created using a formula = pledge/goal and then applied the % from the excel menu bar as given in Q1(a) worksheet Crowdfunding Analysis

* Q2: Use conditional formatting to fill each cell in the Percent Funded column according to a three-color scale. The scale should start at 0 with a dark shade of red, and it should transition to green at 100 and blue at 200.

Percent funded column has been color differentiated by using conditional formatting for 3 color scale given the conditions as in number zone indicated as 0-1(red),1-2 (green), above2 (blue) as shown in Q2 worksheet under Crowdfunding Analysis

Q2(a): Create a new column called Average Donation that uses a formula to find how much each project backer paid on average.

Average donation column was created using a formula =(pledged column/backers\_count column), I have also applied an IF statement to avoid the zero error shown by excel, then applied the % from the excel menu bar as given in Q2(a) worksheet Crowdfunding Analysis

Q2(b): Create two new columns, one called Parent Category and another called Sub-Category, that use formulas to split the Category and Sub-Category column into the two new, separate columns.

Two new columns,  Parent Category and Sub-Category, were being created via using text to columns tab under data section, where we defined the delimiters as / to split into the Category and Sub-Category column into the two new, separate columns as shown in Q2(b).

Q2(c): Create a new sheet with a pivot table that analyzes your initial worksheet to count how many campaigns were successful, failed, canceled, or are currently live per **category**.

Ans2(c): A new sheet based on Q2(c) as Ans 2(c) with a pivot table was created as shown in excel Ans2(c).

For reference the graph is being pasted here from crowdfunding analysis excel sheets Ans2(c):

Q3: Create a stacked-column pivot chart that can be filtered by country based on the table that you created.

Ans 3: A stacked column pivot chart is created in Ans 3 worksheet which can be filtered by country

Q4: Create a new sheet with a pivot table that analyzes your initial sheet to count how many campaigns were successful, failed, or canceled, or are currently live per **sub-category**.

Ans4: A new sheet based on Q4 as Ans 4 with a pivot table was created as shown in excel worksheet Ans 4 which can be filtered on the base of sub category.

For reference the graph is being pasted here from crowdfunding analysis excel sheets Ans4:

Q5: Create a stacked-column pivot chart that can be filtered by country and parent category based on the table that you created.

Ans 5: Created a stacked-column pivot chart that can be filtered by country and parent category in excel worksheet Ans5 under Crowdfunding Analysis