# Unit 1 Homework: Kickstart My Chart

Using the Excel table provided, I modified and analyzed the data of 4,000 past Kickstarter projects and attemptd to uncover some market trends.

(Greg- NOTE:

* I used conditional formatting, hovered over “highlight cell rules” and selected “Text that Contains…” in order to change those cell colors to green, red, yellow and grey for successful, failed, canceled and live.

(Greg- NOTE:

* I created a new columns titled “Percent Funded”
* Next I created a formula that subtracted the “pledged” amount from the “goal” amount (=E2-D2). Then I dragged the formula throught the entire “Percent funded” column.
* If the number was in the negativee it should have checked out as failed/red and if positive it should have been successful / green. Canceled statuses were represented by yellow and feel in the range of 0-90 in the percent funded ranges.

(Greg- NOTE:

* I went to the conditional formatting cell , highlighted the options “Between” and chose the ranges 0-99 with dark red.
* Next I did from 100-199 as green
* Finally I chose the ranges 200-90,000 as blue, even though I knew the positive numbers did not exceed 50,000 I wanted to be sure that I covered all positive numbers.

(Greg- NOTE:

* Next I created a new column titled Average Donation
* Then divided the percent funded from “backers\_count” or (=O2/L2) and proceded to drag the formula down so that it showed throught the column

(Greg- NOTE:

To pull from the Category and Sub-Category Column (N) I separated data into the two colums

I used two formulas to achive this. I took out the data on the left sid e of the column and data on the right side oof the column.

* I created a piviot table and put the state on the row and count of category in the values in order to ge the number of successful, failed, live, canceled

(Greg- NOTE:

* Next I added the country to the rows colmn above the state so that it would still show the failed, live, successful and cancled coms along witht the ammoun

(Greg- NOTE:

I created a new column

* I used this formula to convert time stamp to date ( =(((I2/60)/60)/24)+DATE(1970,1,1)

(Greg- NOTE:

* I used this formula to convert time stamp to date =(((K2/60)/60)/24)+DATE(1970,1,1)

(Greg- NOTE:

* Had to refresh pivot table wasn’t showing newly created colums , simply right clicked on pivot table and cliched refresh

\* Now create a pivot chart line graph that visualizes this new table.

\* Create a report in Microsoft Word and answer the following questions.

1. Given the provided data, what are three conclusions we can draw about Kickstarter campaigns?

2. What are some limitations of this dataset?

3. What are some other possible tables and/or graphs that we could create?

## Bonus

\* Create a new sheet with 8 columns:

\* `Goal`

\* `Number Successful`

\* `Number Failed`

\* `Number Canceled`

\* `Total Projects`

\* `Percentage Successful`

\* `Percentage Failed`

\* `Percentage Canceled`

\* In the `Goal` column, create 12 rows with the following headers:

\* 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 or equal to 50000

![Goal Outcomes](Images/GoalOutcomes.PNG)

\* Using the `COUNTIFS()` formula, count how many successful, failed, and canceled projects were created with goals within the ranges listed above. Populate the `Number Successful`, `Number Failed`, and `Number Canceled` columns with this data.

\* Add up each of the values in the `Number Successful`, `Number Failed`, and `Number Canceled` columns to populate the `Total Projects` column. Then, using a mathematical formula, find the percentage of projects that were successful, failed, or canceled per goal range.

\* Create a line chart that graphs the relationship between a goal's amount and its chances at success, failure, or cancellation.

## Submission

\* To submit your homework, upload the solution and files to a GitHub repo, Dropbox, or Google Drive and submit the link to <https://bootcampspot.com/>.

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