

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

Executive Summary: -

This project was commissioned to examine the data on past Kickstarter projects and recommend ways to increase the chances of putting up a successful project by project owners, maximize the revenue obtained by the Kickstarter platform and provide insightful suggestions to backers looking to fund projects. Based on various analysis that were done, few key insights are summarized as shown below.

The research draws attention to the fact though the Kickstarter website plays host to more than 250,000 projects and more than 50% of them had failed. In perspective, there were two main reasons for the failure of projects. One major contributing factor for this failure was owing to the unrealistic pledge amount and pledge period. Another factor was that the stipulated commission percentage required for Kickstarter was not achieved. Upon further investigation, it was evident that extending the pledge period for the projects by a single day lead to an increase in revenue of approximately \$1400 for the platform.

Developing from this, we further analyze the impact of goal amount and pledge time on successful projects. From the explanatory data analysis performed prior to testing, it was evident that successful projects had lesser goal amounts and shorter pledge periods compared to other categories of projects such as failed and canceled projects. To dive deeper into the analysis, we tested if the difference in pledge time and average goal amount between the successful projects and other project states were significantly different. The test led to a significant result and we concluded that this difference is indeed significant.

Looking into the analysis category wise, "Technology" related projects had certain interesting finds. Technology was among the first on sorting based on categories that pledged more amount from backers than goal amount requested, and it stands as the third category with the highest number of backers. But contradictorily, it was seen that despite the keen interest from backers, the success rate of such "Technology" projects was only 20% with nearly 63% of projects failing. This may have been due to the fact that quality of projects was not on par with the quantity of projects. This was then proceeded by testing if the difference in average backers between successful and failed technology projects were significant or not. The test led to a significant result which indicates that certain technology projects are particularly preferred than the others by the backers.

To conclude our insights, we tried to draw relations between the average number of backers and sub-categories. With plots and investigation, it was seen that the category "Chiptune" had the highest number of average backers despite its low count of a mere 35 projects. This was followed by looking into its popularity in the US compared to other countries and it was found that it was largely popular in the US as expected. On an end note, we decided to test if the category "Chiptune" had any significant impact on the "Music" category as a whole. Upon testing however, it resulted in an insignificant result making us to assume that despite it's high popularity among backers, "Chiptune" does not impact "Music" as a whole.

Business Development of Kickstarter fundraising platform

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Introduction: -

Crowdfunding is the practice of funding a project or a venture by raising monetary contributions from many people across the globe. There are several organizations such as DonorsChoose.org, Patreon, Kickstarter which hosts the crowdfunding projects on their platforms.

This project aims at analyzing data from one such organization – the Kickstarter. Using this platform many imaginative and ambitious projects are brought to life. This platform earns revenue through the commissions received from projects that have obtained successful funding and in return connects individuals with innovative ideas with backers who can provide funding for their projects. Kickstarter has hosted more than 250,000 projects on their website with more than \$4 Billion collective amount raised up to date.

Business Case:

The essential business use-cases in the crowdfunding scenario can be considered from three different perspectives - from the project owner's perspective, the company's perspective and the backer's perspective

1. From the project owner's perspective, it is highly beneficial to be aware about the key characteristics of a project that greatly influence the success of any project. For instance, it will be interesting to pre-emptively know about following questions:

- What is an ideal and optimal range of funding goal for my project?
- On which quarter of the year, I should post the project on Kickstarter to benefit from more backers?
- What are the apt keywords to use in my project title?
- What should be the total length of my project description be?

2. From the perspective of companies which hosts the crowdfunding projects, they receive hundreds of thousands of project proposals every year. A large amount of effort is required to screen the project before it is approved to be hosted on the platform. This creates the challenges related to scalability, consistency of project vetting across volunteers, and identification of projects which require special assistance etc., In this scenario it is an essential necessity for these companies to know about:

- Which category of projects should be promoted more by Kickstarter?
- What is the success rate of the different categories of projects posted? Etc.,

3. From the backer's perspective they are probably the angel investors to these individual project's owners. In spite of putting in so much of dollars into these projects, what they receive back is just few rewards and self-satisfaction. This makes it very crucial for them to select projects that not only fits their interests but also that are potential and worthy.

It is due to these perspectives, there is a need to dig deeper and find more intuitive insights related to the project's success. Hence, we begin with Exploratory Data Analysis to understand about the patterns and trends in data and see how these can be converted to valuable insights that benefit one or many of our stakeholders.

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

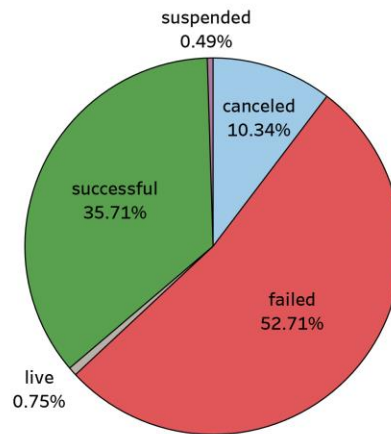
Exploratory Data Analysis: -

The dataset contains 14 fields with 375,093 observations. The fields contain details about the name of the project, No. of backers supporting each of these projects, the category and the country of the product launch, the project goal amount requested by project owners, launch date of project etc., to name a few.

Though the data set is multi faceted, with various information, the most interesting question would be to know how many projects that are hosted on this Kickstarter platform are successful.

The field "State" from the dataset provides this information, which is as below.

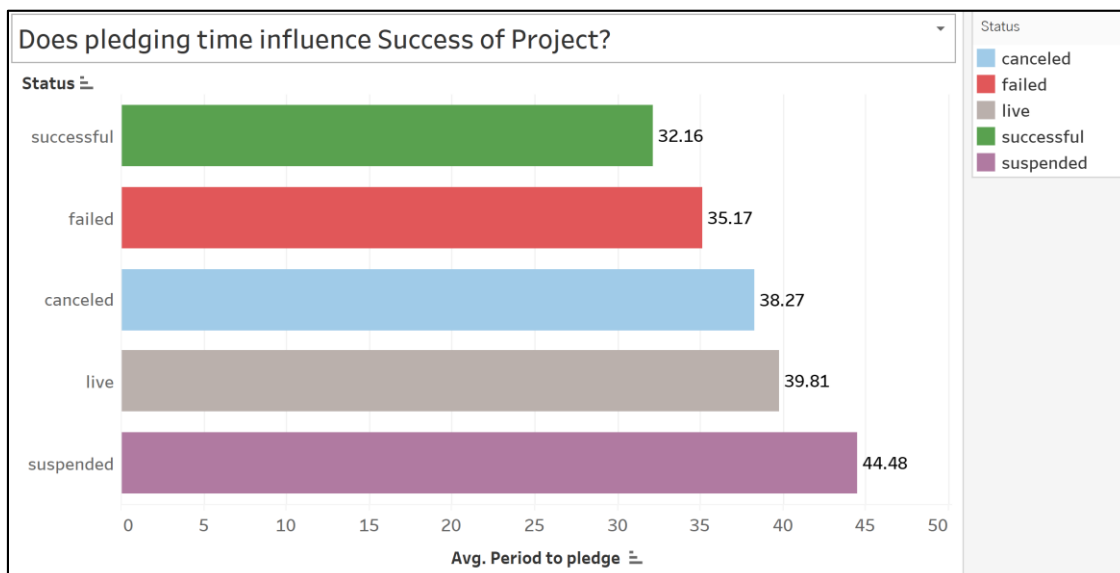
Project Status



More than 50% of the projects hosted on this platform has failed. And the successful projects account to only 36% of the total projects.

Characteristics of success projects:

To understand the characteristics contributed to each of these project statuses various plots were done. The following bar plot indicates the relationship between project statuses and pledge time. Pledge time is the difference between Launch date and deadline. This is the time duration during which the goal amount as requested by the project owners would be raised.

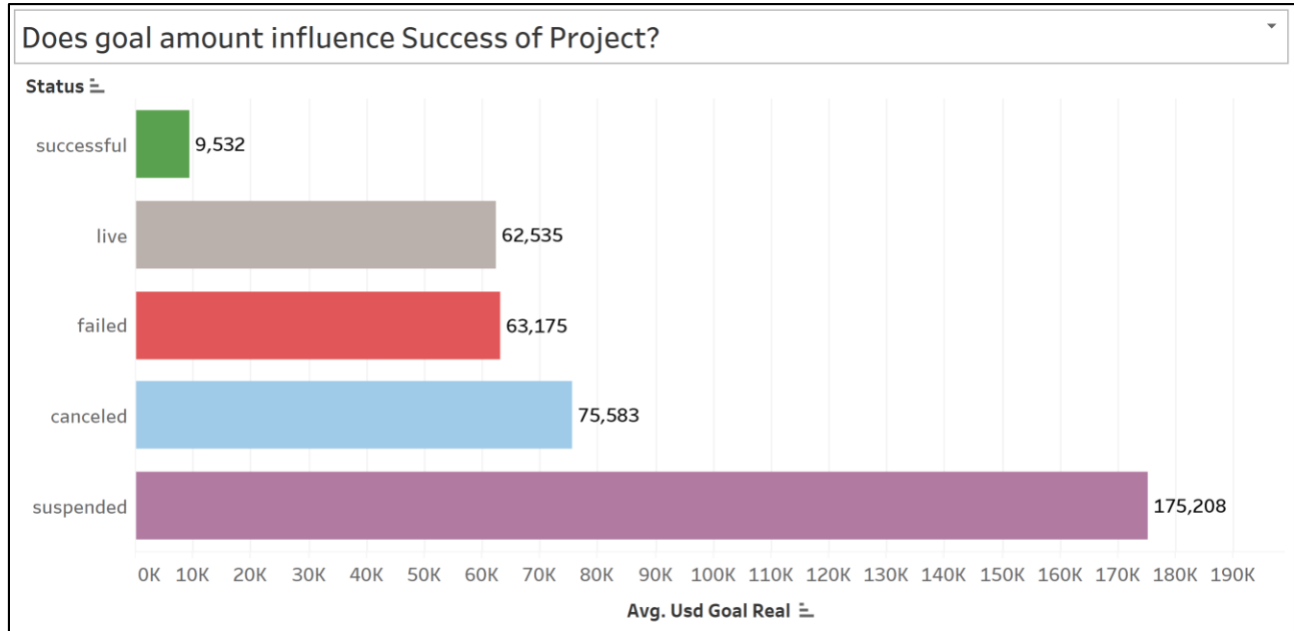


Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

The average pledge time (in days) is small for successful projects when compared to others.

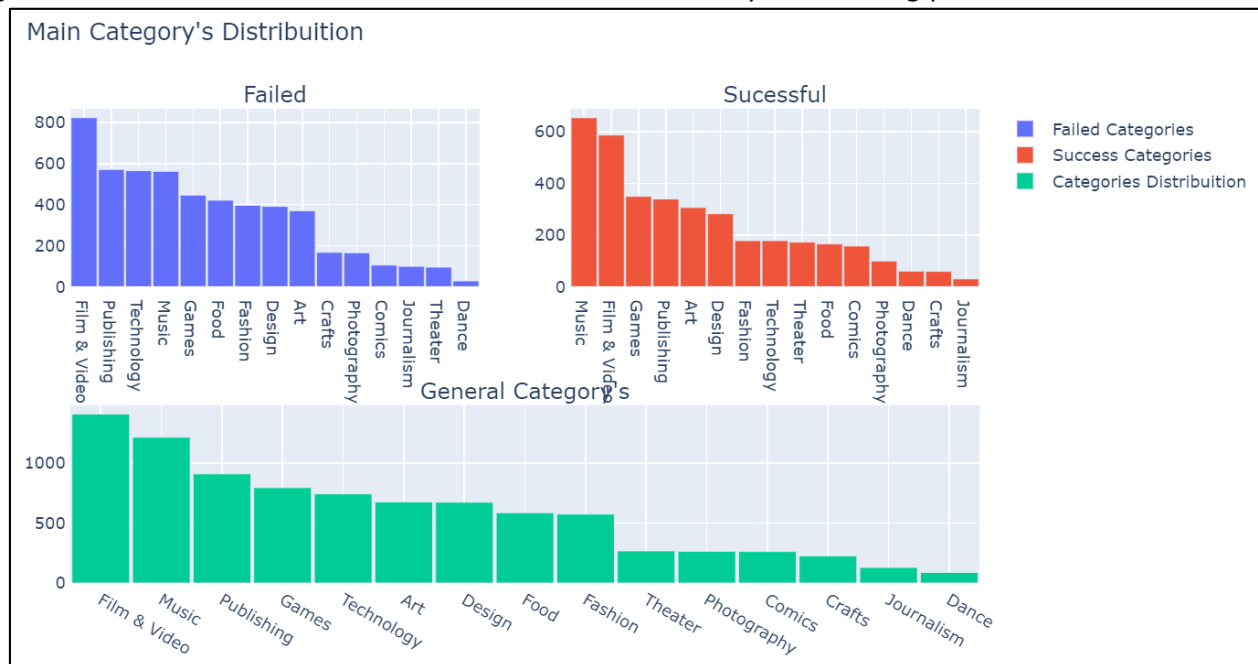
To understand the relationship between goal amount set by the project owners and the project statuses, the following bar chart is plotted.



The average goal amount (in USD) is small for successful projects when compared to others.

Main Categories Vs project statuses:

Moving on to the “main categories” in which the projects were launched, projects that belong to certain main categories are more successful than the others and it is illustrated by the following plot.

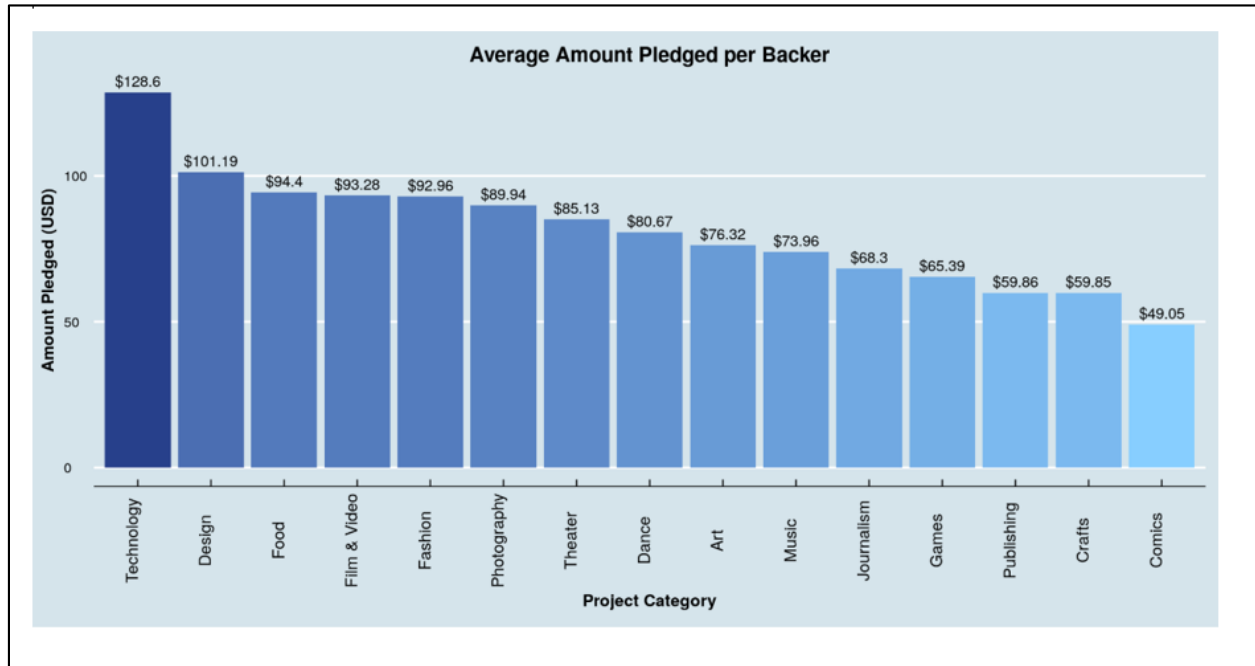


We can see that the top 5 main categories that had the highest count of projects were Film & video, Music, Publishing, games and Technology. However, the top 5 successful projects include the same categories of projects as before except

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

for Technology. Also, from the below plot we witness the backer's interest in various main categories in which the projects were launched, and that technology tops it.



The highest average amount pledged is highest for Main Category - Technology

Further we move on to the subcategories and explore further.

Categories Vs Backers:

We also investigate the average number of backers' category wise to get an idea of which category of projects gain the greatest number of backer's support. Shown below, is a treemap displaying the top 20 categories with the highest average number of backers.

Category vs Avg Backers

Category :Ciptune Avg Backers :443.9	Category :Video Games Avg Backers :373.6	Category :Space Exploration Avg Backers :308.3	Category	Category :Gaming Hardware Avg Backers :284.1	Category :Product Design Avg Backers :276.9
Category :Camera Equipment Avg Backers :432.5	Category :Sound Avg Backers :358.4				
Category :Tabletop Games Avg Backers :426.6	Category :Gadgets Avg Backers :314.0	Category :Webcomics Avg Backers :251.1	Category :Anthologies Avg Backers :227.5	Category :Flight Avg Backers :182.7	
Category :Wearables Avg Backers :389.9	Category :Hardware Avg Backers :310.2	Category :DIY Electronics Avg Backers :248.3	Category :Design Avg Backers :179.9		
		Category :3D Printing Avg Backers :232.8	Category :Technology Avg Backers		

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

As one would expect, certain categories have a greater number of average backers compared to other categories.

In a similar fashion, many other explorations were done with plots and tables. With the preliminary analysis been done, further analysis needs to be performed keeping in mind the possible questions that might be of interests to our three stake holders the Kick starter Platform, the Individual Project owners and the Project Backers. Some of the possible goals for these stake holders are as tabulated and the objectives are set in order to satisfy one or many of these goals.

Stakeholder	Goals
Kickstarter Platform	<ul style="list-style-type: none">• To generate more revenue through commissions• To increase their face value by increasing the percentage of success projects• To attract more Individual Project owners and backers to their platform to withstand competition
Individual Project owners	<ul style="list-style-type: none">• To gain enough support from backers to ensure success in their projects• To imbibe trust and maintain good relationship with kick starter platform with clear project goals
Project Backers	<ul style="list-style-type: none">• To identify projects that maybe of interest owing to personal interest.• To invest in projects that hold benefits in the future.

Based on the understanding that is obtained through the EDA, the following objectives are set to aid in identifying insights.

Objectives:

1. To explore ways to convert failure projects to successful ones.
2. To test and identify whether factors such as pledge time and goal amount influences the success of a project.
3. To test and identify whether there is a significant difference in number of backers for successful and failed projects in the Main category "Technology".
4. To identify the relation between the average number of backers and categories to draw insightful conclusions.

Analysis and Insights: -

Objective 1: To explore ways to convert failure projects to successful ones-

On viewing the Kickstarter data and through exploratory analysis, the predominant fact about the project status is that nearly 53% of the projects that were released using Kickstarter platform had been a failure. On analyzing further about the projects that failed, the following were observed. The projects that failed can be classified into two groups:

- a. Type A: Projects that have raised funds more than or equal to the goal amount but still failed since the commission % required by kick platform was not reached
- b. Type B: Projects that did not pledge any money at all or that pledged a lesser amount than the goal amount required within the fundraising deadline

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

Descriptive Statistics:

	Count
Total Failed Projects	199,718
Type A	6
Type B	199,712

Assumption: The Type A projects are very low in number and hence might be an outlier. Although, the reason behind the failure of these projects is not known for sure, it might have failed because of their insufficient pledge amount that did not accommodate the Kickstarter platform commission.

Analysis:

If the number of failed projects reduce and successful projects increase, it is beneficial to both the Kick starter platform and individual project owners. But how could they do this? The failed projects can become successful if the number of backers supporting the projects increase but this is outside their circle of influence, however what is within their control is deciding and extending the number of pledge days.

Since the kick starter platform commission for projects varies around 3-5% (Information taken from kick starter website) of goal amount, we assume a constant average of 4% commission for all projects. With this scenario, the average fund raised per day, total days required to pledge goal amount + 4% commission is calculated, thus leading to the number of extended days required for funding. Thus, by extending the fundraising period, the success rate of these projects can be increased as per the summarized table below.

EXTENDED FUND RAISING AND BENEFITS TABLE:

S.No.	No. of days extended for fund raising	No. of new successful projects	Increase in revenue for Kick starter (in USD)
1.	1 day	7	1393.04
2.	2 days	20	7017.34
3.	3 days	37	15275.66
4.	4 days	57	24743.85
5.	5 days	76	28461.44
6.	6 days	124	49406.83
7.	7 days	151	69170.79

Results and Benefits:

Kick starter Platform: By extending the fund-raising period to 1 extra day, their commission can extend up to \$1393 and so on. Thus, kick starter platform gains more commission as well as good fame by facilitating more successful projects in their platform.

Individual Project owners: Also, for projects owners extending the pledge days based on the average pledge amount they receive each day would help reach the required goal amount and make the project go live.

Project Backers: Increasing the pledge days a little might inspire more capable backers to sponsor, by making them realize that goal amount is about to be reached which means the project is going live very soon and also since many backers have already sponsored they might understand that this is a potential project which might spur their interest.

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

Thus, by increasing the number of fund-raising days based on the goal amount for specific project, all the stake holders can benefit.

Insight 1: Failed projects can be converted to successful projects, thus increasing commission for the kick starter platform by increasing the pledge time.

Objective 2: To test and identify whether factors such as pledge time and goal amount influences the success of a project-

Every stakeholder is interested in successful projects. There might be various factors which might influence the success of a project such as the how many backers sponsor the project; which country is the project going to be launched and so on. However, our question now is does pledge time and goal amount influence the success of the projects.

Analysis 1: Pledge time Vs Successful projects

The average pledge time is calculated based on the launch date and deadline and was compared to the project status. From the plots in EDA it is evident that the average pledge time (in days) is small for successful projects when compared to others. However, in order to verify whether this difference in average pledge time between projects is statistically different we do ANOVA and DUNNETT tests.

Hypothesis Testing:

H0: $\mu_1 = \mu_2 = \mu_3 = \mu_4 = \mu_5 = 0$

H1: At least one of the means is different,

Where,

μ_1 = Mean value of 'Pledge time' for level "Canceled" in factor variable 'State'

μ_2 = Mean value of 'Pledge time' for level "failed" in factor variable 'State' and so on....

Here we test whether the average pledge time for the various status of projects are similar or different.

ANOVA TEST RESULTS:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
Pledge_Time.dt\$state	4	1.651e+06	412771	94.23	<2e-16 ***
Residuals	375088	1.643e+09	4381		

Signif. codes:	0 '***'	0.001 '**'	0.01 '*'	0.05 '.'	0.1 ' ' 1

From the ANOVA test result, we conclude that the average pledge time for the various projects states are different.

DUNNETT TEST RESULTS:

Dunnett test is used to test how similar or different the average pledge time for the various project states are when compared to the reference state – "Successful"

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

Simultaneous Tests for General Linear Hypotheses

```
Fit: aov(formula = Pledge_Time.dt$Period_to_pledge ~ Pledge_Time.dt$state)
```

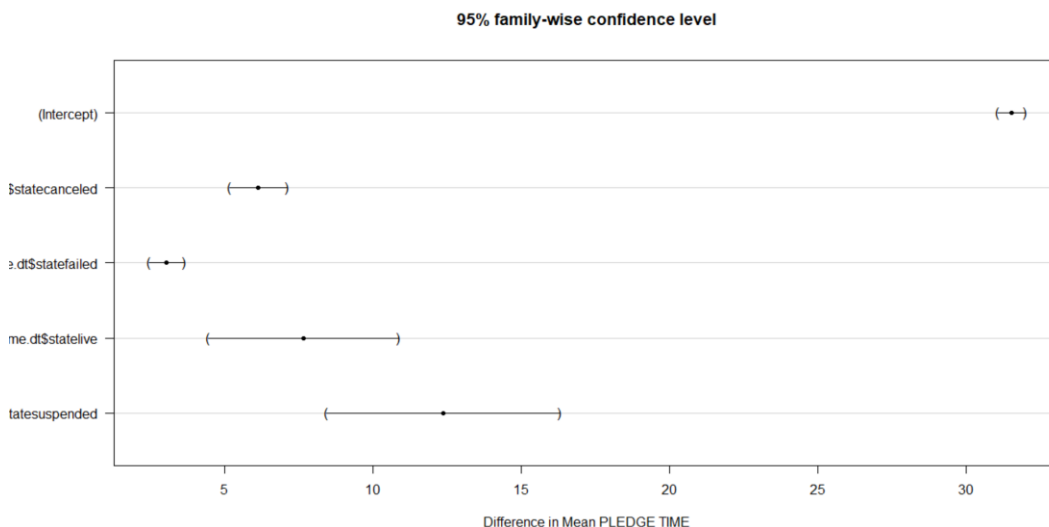
Linear Hypotheses:

	Estimate	Std. Error	t value	Pr(> t)	
(Intercept) == 0	31.5194	0.1808	174.296	<1e-08	***
Pledge_Time.dt\$statecanceled == 0	6.1266	0.3817	16.052	<1e-08	***
Pledge_Time.dt\$statefailed == 0	3.0422	0.2342	12.989	<1e-08	***
Pledge_Time.dt\$statelive == 0	7.6507	1.2640	6.053	<1e-08	***
Pledge_Time.dt\$statesuspended == 0	12.3582	1.5510	7.968	<1e-08	***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
(Adjusted p values reported -- single-step method)

From the results we see that the average pledge time for projects that are successful is significantly different from all other groups.

DUNNETT TEST PLOT:



From the plot also we see that the mean values of all groups are significantly different from Projects that are successful as the confidence intervals of none of these values passes through zero.

Analysis 2: Goal amount (in USD) Vs Successful projects

The average goal amount requested by the individual project owners was compared to the project status. From the plot in EDA it is evident that the average goal amount (in USD) is small for successful projects when compared to others. However, in order to verify whether this difference in average goal amount between status groups is significantly different we do ANOVA and DUNNETT tests.

Hypothesis Testing:

$H_0: \mu_1 = \mu_2 = \mu_3 = \mu_4 = \mu_5 = 0$

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

H1: At least one of the means is different,

Where,

μ_1 = Mean value of 'USD goal real' for level "Canceled" in factor variable 'State'

μ_2 = Mean value of 'USD goal real' for level "failed" in factor variable 'State' and so on....

Here we test whether the average goal amount for the various states of projects are similar or different.

ANOVA TEST RESULTS:

```
              Df    Sum Sq   Mean Sq F value Pr(>F)
GoalAmt_USD.dt$state      4 3.02e+14  7.549e+13   56.29 <2e-16 ***
Residuals                375088 5.03e+17  1.341e+12
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

From the results we see that the average goal amount for projects that are successful is significantly different from all other groups.

DUNNETT TEST RESULTS:

Dunnett test is used to test how similar or different the average goal amount for the various project states are, when compared to the reference state – "Successful"

```
Simultaneous Tests for General Linear Hypotheses

Fit: aov(formula = GoalAmt_USD.dt$usd_goal_real ~ GoalAmt_USD.dt$state)

Linear Hypotheses:

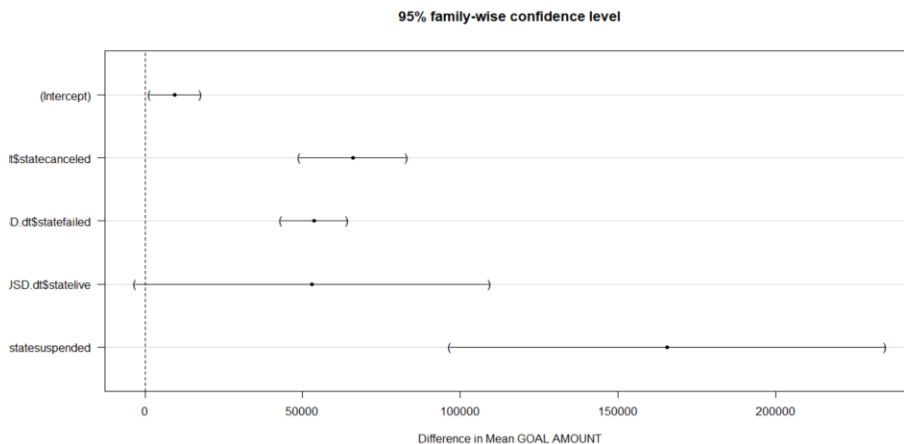
              Estimate Std. Error t value Pr(>|t|)
(Intercept) == 0           9532     3164   3.013  0.0121 *
GoalAmt_USD.dt$statecanceled == 0    66051     6678   9.891 <0.001 ***
GoalAmt_USD.dt$statefailed == 0     53643     4098  13.089 <0.001 ***
GoalAmt_USD.dt$statelive == 0       53003    22117   2.396  0.0735 .
GoalAmt_USD.dt$statesuspended == 0  165676    27139   6.105 <0.001 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
(Adjusted p values reported -- single-step method)
```

From the results we see that the average goal amount for projects that are successful is significantly different from all other groups.

DUNNETT TEST PLOT:

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar



Results and Benefits:

Thus, from the statistically significant test results it is evident that the average pledge time and average goal amount (in USD) of successful projects are significantly different from other groups.

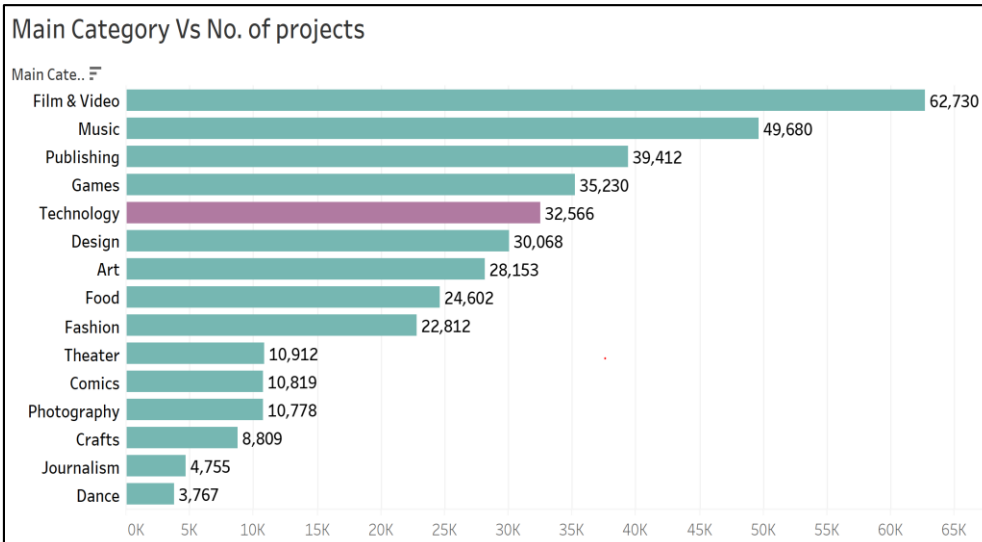
Kick starter Platform: With pledge time and goal amount influencing project success, Kick starter platform can use this as one of the criteria to choose the right projects to be launched in their platform, thus reducing more failure projects

Individual Project owners: From the statistical tests it is evident that pledge time and goal amount influence the project success. Also, since these are decided by the individual project's owners themselves, they can play it to their advantage to ensure their projects are successful

Insight 2: Pledge time and goal amount influences the success of a project

Objective 3: To test and identify whether there is a significant difference in number of backers for successful and failed projects in the Main category "Technology"

Projects that belong to certain Main categories are more successful than the others. Out of the 15 Main Categories, Technology is one of them. Technology has become an important aspect in our everyday life, and it is no surprise that Technology is fifth Main category with largest number of projects. Also, Technology had the third highest numbers of backers for the goal amount pledging.

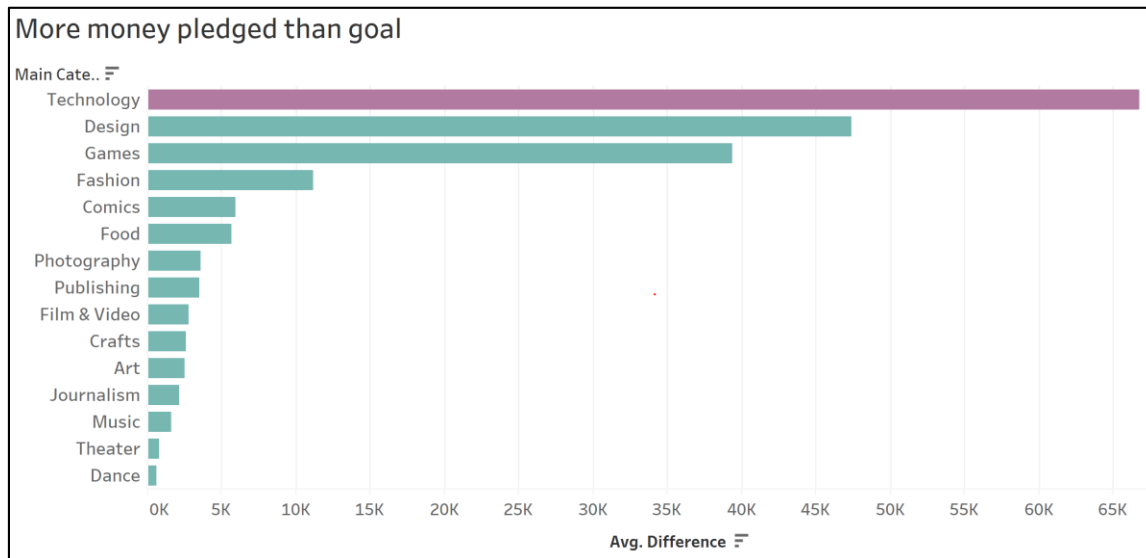


Main Category Vs backers	
Main Cat..	Avg. Backers
Film & Video	67
Music	55
Publishing	57
Games	322
Technology	164
Design	241
Art	42
Food	54
Fashion	61
Theater	47
Comics	135
Photography	40
Crafts	27
Journalism	38
Dance	43

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

And the difference between average amount pledged and goal amount is highest for projects in this Main Category- Technology



In spite of having higher number of backers, more projects and being the Main Categories that has pledged more money than the goal amount, yet Technology has the lowest success rate.

Main category Vs Success rate

Main Category	Status				
	successf..	failed	live	canceled	suspend..
Dance	62.07%	32.78%	0.48%	4.33%	0.35%
Theater	59.88%	33.98%	0.38%	5.57%	0.19%
Comics	54.00%	37.30%	0.70%	7.78%	0.21%
Music	48.70%	43.78%	0.57%	6.65%	0.30%
Art	40.88%	50.19%	0.69%	7.89%	0.34%
Film & Video	37.66%	52.45%	0.53%	9.17%	0.19%
Games	35.53%	45.42%	0.81%	17.60%	0.62%
Design	35.09%	49.27%	1.01%	13.81%	0.82%
Publishing	31.21%	58.73%	0.76%	9.14%	0.17%
Photography	30.66%	59.23%	0.45%	9.15%	0.51%
Food	24.73%	64.91%	0.75%	8.99%	0.62%
Fashion	24.52%	62.16%	1.10%	11.62%	0.60%
Crafts	24.01%	64.74%	0.86%	9.57%	0.82%
Journalism	21.28%	65.97%	0.65%	11.00%	1.09%
Technology	19.76%	63.31%	1.16%	14.48%	1.30%

This might be because though backers were interested in technology products, they might have not been interested in sponsoring all technology products. This can be verified using a T test.

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

Analysis:

Hypothesis Testing:

H0: There is no significant difference in mean values of backers for successful and failed projects in Main Category - Technology

H1: There is no significant difference in mean values of backers for successful and failed projects in Main Category - Technology

T TEST RESULTS:

Welch Two Sample t-test

```
data: TechProj.df$backers by TechProj.df$state
t = -22.923, df = 6436.6, p-value < 2.2e-16
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -757.0577 -637.7749
sample estimates:
 mean in group failed mean in group successful
          20.26242          717.67874
```

Here p value is < 0.05 , hence we reject null. Thus, there is significant difference in number of backer's for successful and failed projects in Main Category – Technology

Results and Benefits:

Kick starter Platform: Despite its high popularity, the platform should try to enforce stricter guidelines when projects related to “Technology” are put up on the website. This will ensure a higher success rate, more backers which will in turn result in better revenue.

Individual Project owners: Project owners should focus on putting up more projects that are actually beneficial for the future and not focus on personal gain. This way the chances of their projects becoming successful increases and attracts more backers.

Project Backers: Backers while looking to invest in “Technology” projects should check the project description to see if it is clear, have a sense if the goal amount posted is reasonable to the project objective and fund such projects with caution.

Business Development of Kickstarter fundraising platform

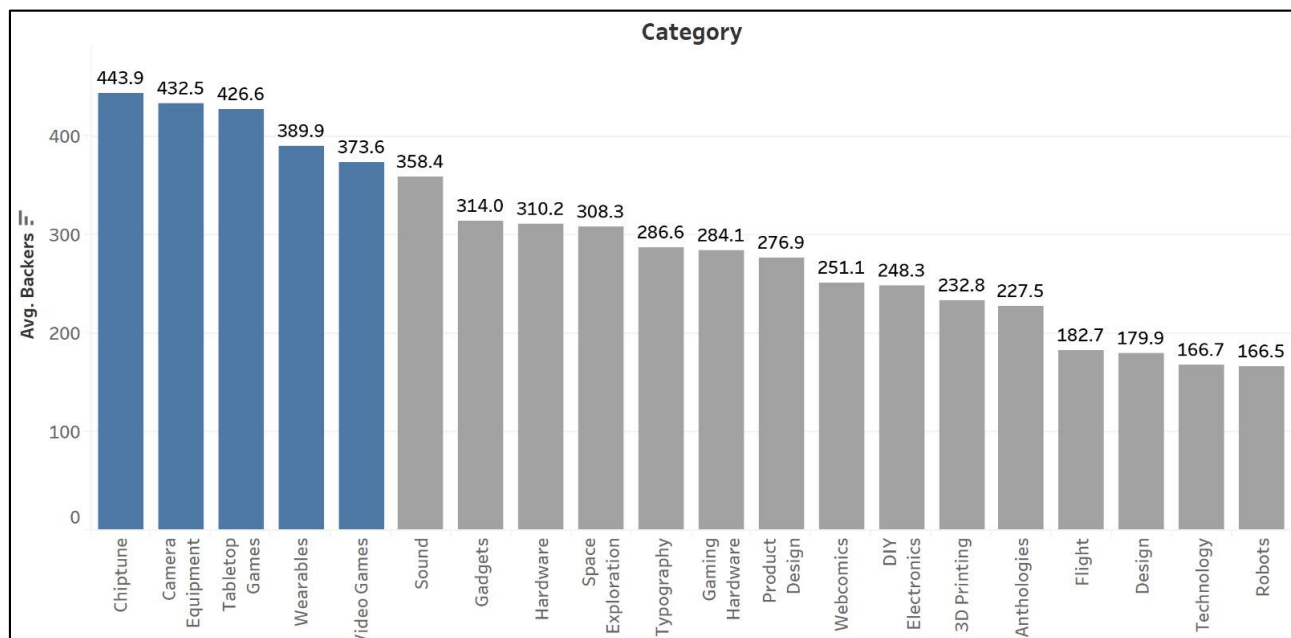
By: Sinduja Senthil Kumar

Insight3: Though technology projects have received the highest pledge amount from backers and also the third Main Category with highest number of backers, not all technology projects are of interests to backers.

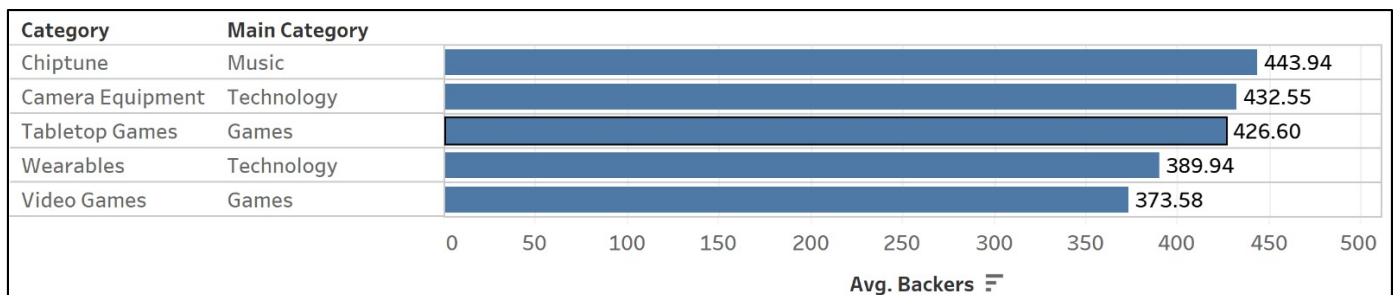
Objective 4: To identify the relation between the average number of backers and categories to draw insightful conclusions.

Analysis 1: Overall identification of project categories with highest number of average backers

In the EDA performed prior to the objectives, we identified the top 20 categories with the greatest number of average backers. To streamline our analysis further, we consider the top 5 categories namely, Chiptune, Camera Equipment, Tabletop Games, Wearables and Video Games.



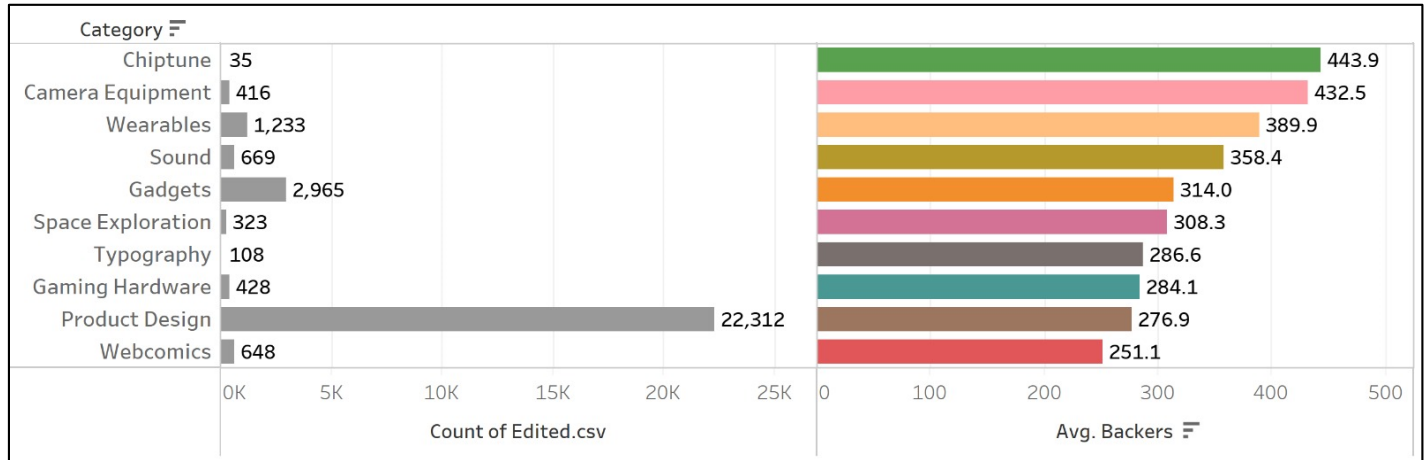
To understand why these particular categories, have the number shown above, we identify the main categories they belong to as shown below,



From the above plot, we see that the main categories are those that are mostly in development phase with numerous potential improvements in the future. This can be one of the main reasons as to why projects in such categories have a greater number of average backers. However, we have to check if this number correlates with the number of projects being released.

Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar



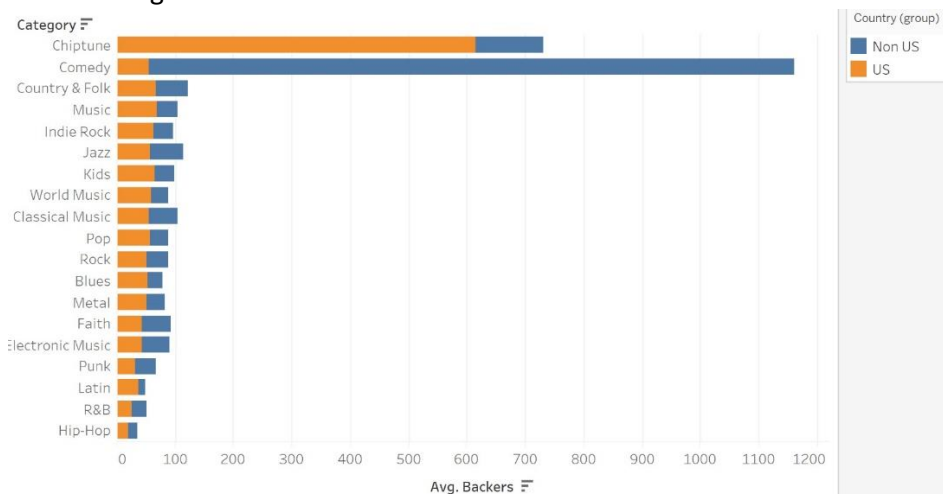
From the above plot, we observe that the results deviate from what we expected.

For example, though Chiptune has the greatest number of average backers, the number of Chiptune projects are significantly less in number. This means that such projects require more promotion in the form of online ads, digital marketing campaigns etc.

On the contrary, though the category “Product Design” has good number of projects in relation to its high amount of average backers, it becomes vital for the kick starter platform to analyze and approve quality projects to keep up the motivation of backers in these categories.

Analysis 2: Further analysis of the music category “Chiptune”

From the previous analysis, we observed that “Chiptune” had the highest number of average backers. We will now further inspect this category to check for some better insights. The below plot shows how influential “Chiptune” is in the US compared to other categories.



Business Development of Kickstarter fundraising platform

By: Sinduja Senthil Kumar

From the above plot, it is evident that the “Chiptune” category is immensely popular in the US compared to the other countries. Next, we check how popular is the Music category among the backers with and without Chiptune to see if Chiptune plays a significant role.

Hypothesis Testing:

Before conducting the hypothesis, we have two groups. One has all the observations in the music category with Chiptune and the second group has all the observations excluding Chiptune.

H0: There is no significant difference in the average number of backers between the two groups.

H1: There is a significant difference in the average number of backers between the two groups.

Here, we conduct the Welch two sample t-test to check if “Chiptune” is significant for the music category.

```
Welch Two Sample t-test

data:  Chiptune.df$backers by Chiptune.df$Groups
t = 0.21566, df = 99298, p-value = 0.8293
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -2.220594  2.769688
sample estimates:
 mean in group With Chiptune mean in group Without Chiptune
               54.51765                54.24311
```

From the above results, we see that there isn't much difference in the averages between the two groups. In addition to this, the p-value is not significant too. Thus, we can conclude that though Chiptune has the greatest number of average backers, it does not have a significant impact on the Music category as expected.

Results and Benefits:

Kick starter Platform: Observing the average number of backers for each category, the Kickstarter platform should try to promote more of these types of projects which are preferred by backers in order to generate better revenue.

Project Backers: By putting up more projects from such categories, the backers' interest is increased. Thus, they will tend to sponsor such projects which have a tendency to be fruitful in the future.

Insight 4: Though projects in the categories such as Chiptune and Camera Equipment have received the highest average number of backers, they should be promoted more to generate higher profits.

Business Development of Kickstarter fundraising platform

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Appendix:

The exploratory analysis was done using analytical tools such as Python, Excel and Tableau. The statistical tests were executed using R . The Python code was used or the EDA plots. The dataset modification was done in Excel. Plots and other visualizations were done in Tableau

For the analysis done with Excel and Tableau, the steps are as below.

- In excel the column “launched” was converted to short date to get the date without time. Then by subtracting this date from “deadline” we obtain the column “period to pledge” in days.
- This updated excel is saved as a CSV file and was used to create charts in Tableau.

Data preparation for Insight 1:

1. The dataset was filtered to have observations with projects that failed.
2. The failed projects were categorized into type A and type B projects depending on whether the pledge amount was greater than the requested goal amount or not. If the pledge amount is greater than it is named as Type A projects else Type B.
3. A column with 4% commission based on the goal amount and a column with total required amount (goal amount + 4% commission) was calculated and inserted.
4. By dividing the column “amount pledged” by the column “period to pledge” we obtain average amount pledged per day.
5. Then the column “total amount required with commission” is dividing by “pledge amt per day” to obtain “Total time required for pledging”. Then by subtracting this column from “period to pledge” we would arrive at “More days required” for the project to become successful.
6. Then by using this column the revenue that would be generated for the Kickstarter platform by increasing the pledging time was calculated. A sample of the table is as below:

	ID	name	category	main_category	Period_to_pledge	state	backers	country	usd_pledg ed_real	usd_goal _real	Project Type	Amt required with 4% commision	4% commision	Pledge amt per day	Total Time reqd to pledge	More day reqd	Amt/ backer	total backers reqd	Addition backers needed
1																			
3	1000003930	Greeting From Earth: ZGAC Arts (Narrative Film	Film & Video	60	failed	15	US	2421	30000	Type B	31200.00	1200.00	40.35	773.23	713.23	161.40	193.31	178.31
4	1000004038	Where is Hank?	Narrative Film	Film & Video	45	failed	3	US	220	45000	Type B	46800.00	1800.00	4.89	9572.73	9527.73	73.33	638.18	635.18
5	1000007540	ToshiCapital Rekordz Needs Help	Music	Music	30	failed	1	US	1	5000	Type B	5200.00	200.00	0.03	156000.00	155970.00	1.00	5200.00	5199.00
6	1000030581	Chaser Strips. Our Strips make Sh	Drinks	Food	45	failed	40	US	453	25000	Type B	26000.00	1000.00	10.07	2582.78	2537.78	11.33	2295.81	2255.81
10	1000064368	Survival Rings	Design	Design	30	failed	11	US	664	2500	Type B	2600.00	100.00	22.13	117.47	87.47	60.36	43.07	32.07
11	1000064918	The Beard	Comic Books	Comics	30	failed	16	US	395	1500	Type B	1560.00	60.00	13.17	118.48	88.48	24.69	63.19	47.19