

Brain Station Admissions Challenge

Marketing Insights from Kickstarter Database

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Background



The analysis team has been tasked with determining the feasibility of a Kickstarter campaign. The info that we have received is as follows:

- Minimum Pledge Target is \$15,000. Would not be sad to make more.

The specific questions posed to the analysis team are: Given the information contained in the database:

1. At what dollar amount should we set our initial campaign goal? 2. How many backers will we need to be successful?

Our analyses and suggestions focus on these specific questions. Interpretation of tables and figures are provided throughout but our overall summary and recommendations appear at the end of the document.

Part 1 - Preliminary Data Analyses

Key metrics corresponding to different campaign outcomes

outcome	Count	Goal	Pledged	Backers	From Goal	Duration
failed	7850	97520.03	1435.34	17.72	-96084.69	35.12
successful	5319	9743.03	22322.94	282.15	12579.91	32.45
canceled	1513	106599.34	2046.80	20.78	-104552.53	36.15
undefined	140	4151.70	2518.88	0.00	-1632.82	34.17
live	110	38669.54	2655.48	24.65	-36014.06	39.95
suspended	68	1499147.75	5558.26	39.63	-1493589.49	36.25

Most campaigns in this database have failed. To focus on the factors that associated with success, we will omit live, undefined, cancelled, and suspended campaigns from further analysis since these make up a small proportion of the database.

IMPORTANT: For ease of interpretation, further analyses omit campaigns outside the US and Great Britain (<10% of database) and have standardized all monetary amounts to USD (value as of Dec. 12th 2020).

Overall Pledges and Backing

Campaign-categories with the most backers:

category	Count	Duration	Goal	Pledged	Backers	From Goal
Games	1088	32.24	29500.96	22730.13	335.02	-6770.83
Technology	1000	35.36	187042.73	24778.80	306.83	-162263.93
Design	1024	34.45	32793.03	19599.95	225.82	-13193.08

Campaign-categories with the highest earnings:

category	Count	Duration	Goal	Pledged	Backers	From Goal
Games	1088	32.24	29500.96	22730.13	335.02	-6770.83
Technology	1000	35.36	187042.73	24778.80	306.83	-162263.93
Design	1024	34.45	32793.03	19599.95	225.82	-13193.08

Campaign-categories with the lowest number of backers:

category	Count	Duration	Goal	Pledged	Backers	From Goal
Theater	446	34.01	13925.73	3176.37	40.98	-10749.36
Art	984	33.03	13249.25	4762.79	40.87	-8486.46
Crafts	304	31.39	9496.21	1772.75	32.40	-7723.46

Campaign-categories with the lowest earnings:

category	Count	Duration	Goal	Pledged	Backers	From Goal
Publishing	1415	33.99	80538.71	3244.11	54.38	-77294.60
Theater	446	34.01	13925.73	3176.37	40.98	-10749.36
Crafts	304	31.39	9496.21	1772.75	32.40	-7723.46

Great news! Games are top for both backers and pledged amount. Kickstarter may be a solid platform for promoting and raising capital for our products.

Highest-earning Tabletop Games

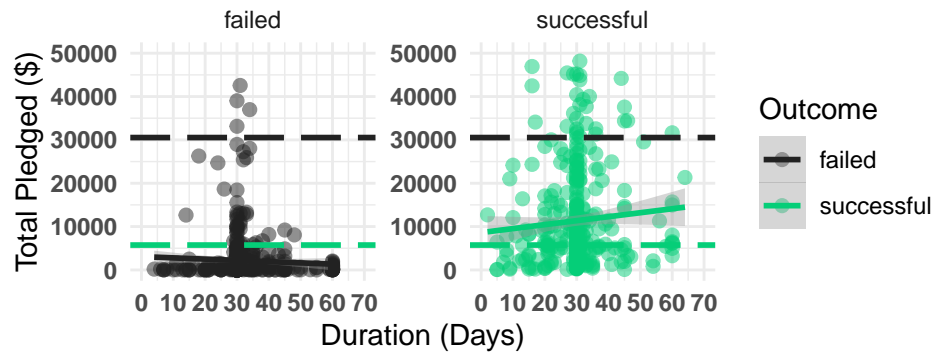
name	Duration	Goal	Pledged	Backers	From Goal
Gloomhaven	28	100000	3999796	40642	3899796
Ghostbusters	30	250000	1546270	8396	1296270
Shadows of Brimstone	33	30000	1341305	4727	1311305

Some games exceed their goals by millions of dollars, but it is notable that the goals and brands associated with these campaigns are lofty (e.g. 250K and “Ghostbusters”). Let’s look at a larger sample of games to get a sense of what our team can reasonably expect for our products.

Part 2 - Data Vizualization

Aim 1: Understanding Initial Goals.

The Case of Icarus: Failed campaigns ask for too much money.

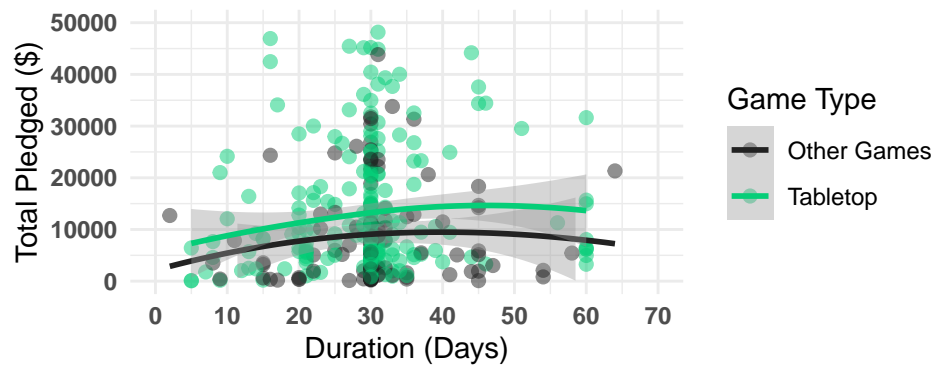


The majority of failed game campaigns never seem to get going. Dashed lines indicate average initial goal amount. This suggests that failed campaigns may fail because they present a target that far exceeds this market's ability. Let's now focus on successful game campaigns.

Successful Game Campaigns

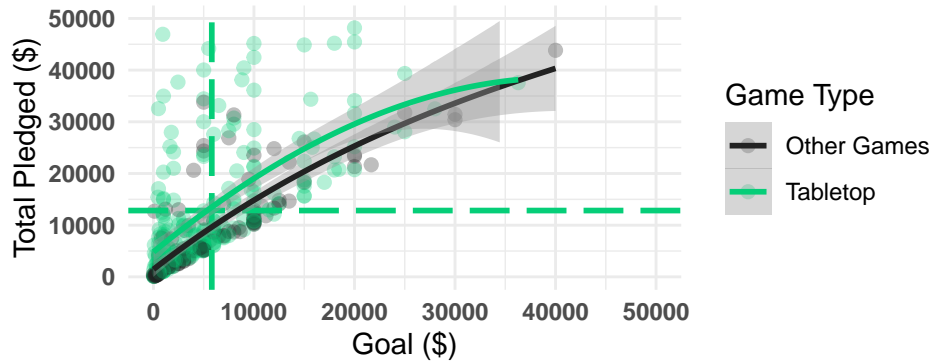
The majority of game campaigns (95%) earn under \$50,000 so we will focus on campaigns making under this amount. Tabletop Games are highlighted in red.

Successful tabletop campaigns average 30 days and ~\$15K.



These earnings are intimately related to a campaign's initial goal.

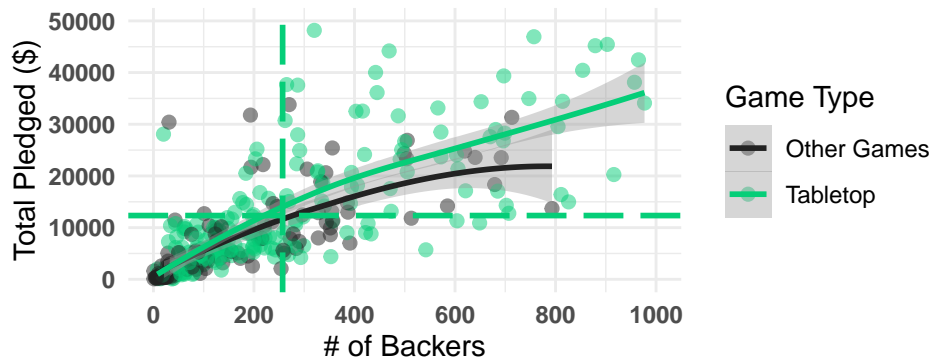
On average, successful campaigns' earnings are 2x their initial goals.



The intersection of the dashed lines represents the average goal & pledged amounts for Tabletop games. On average, these campaigns come close to doubling their initial goal. The trajectory for other games is identical.

Aim 2: Understanding Backers' Contribution.

More Backers = More Money.



The intersection of the dashed lines represents the average backers (= 257) and earnings (~15K) for tabletop games. The earnings/backers relationship appears to level off after 600 but this is an artifact of this data.

Part 3 - Summary and Recommendations

Summary

Our analyses suggest that Kickstarter is a promising platform for promoting and generating capital for our products. Game campaigns are among the most highly supported campaigns on this platform. Promisingly, campaigns for tabletop games are the highest earning within the gaming market.

Data-Based Recommendations

Initial Goal

Our analyses suggest that we should anticipate launching a **30-day campaign** with an advertised goal of **\$12,500 USD** to achieve leadership's aims. Although the advertised goal is **\$2,500** lower than our internal goal, this number is consistent with the majority of successful game campaigns that frequently double their goals. Given the previous success of game campaigns on Kickstarter, and the particular interests in tabletop games from users of this platform, our view is that this goal is sufficient to meet leadership's minimum goal while also setting us up to make more. On this basis, someone might be tempted to lead with a more ambitious goal, but we caution that initial goals in the neighborhood of **\$30,000** are associated with failing.

Backing & Suggested Pledge

On average, game campaigns receive approximately 250 backers. Thus, we should encourage backers to contribute amounts between **\$70 - \$100 USD** to surpass our aims. One strategy for doing so would be to compare our product to other well-known games whose MSRP exceeds this range. Additionally, we might set up contribution levels that provide additional incentives for backers who pledge at higher amounts.

As always, past performance is often a reliable predictor of future performance, but nothing is guaranteed. We hope that our analyses prove helpful to management's decision-making. Please reach out for clarification or elaboration on our analysis strategy or recommendations.