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01 BACKGROUND

02 FINDINGS

03 NEXT STEPS



01 BACKGROUND

Why are we here today?

02 FINDINGS

03 NEXT STEPS

OUR TASK IS TO ESTABLISH A MODEL TO ACCURATELY PREDICT CAMPAIGN SUCCESS

BACKGROUND



In recent years, many creators have voiced the need for a better way to evaluate their campaign's success beforehand

You approached us to **establish a way to support creators** in optimizing their
chances of project success



Core Question

Given the data created during project setup, is the campaign likely to succeed or fail? (classification)

Based on the data created during project set-up, what would be a reasonable goal recommendation for creators?

(regression, out-of-scope for this meeting)





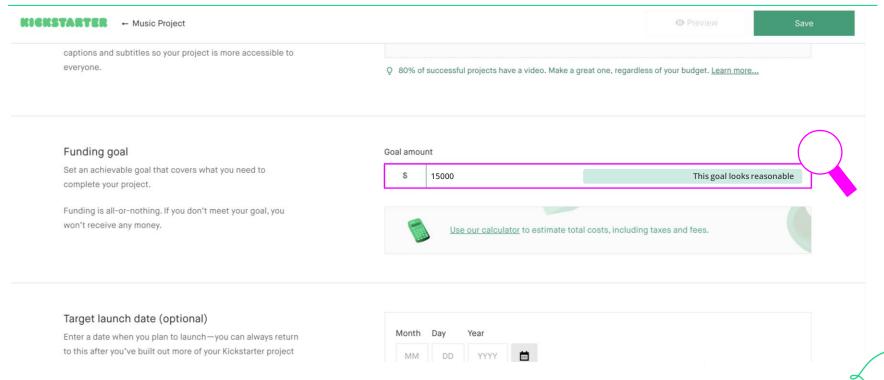
01 BACKGROUND

02 FINDINGS

What have we achieved so far?

03 NEXT STEPS

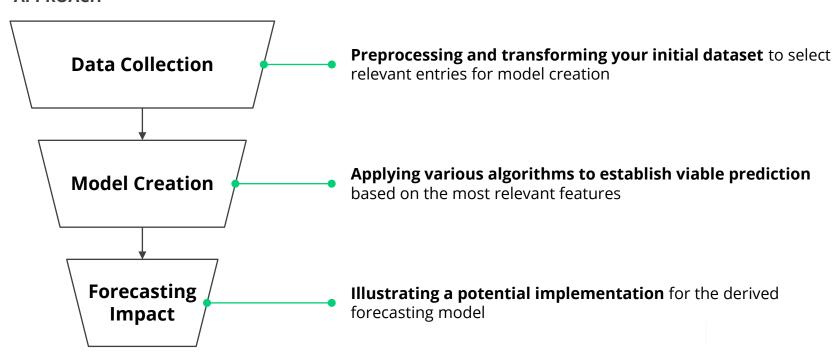
THE CURRENT MODEL WILL ENABLE YOU TO INDICATE SUCCESS TO PROJECT CREATORS





WE FOLLOWED A STRUCTURED APPROACH FOR CREATING A ROBUST FORECASTING MODEL

APPROACH



YOU PROVIDED US WITH EXTENSIVE DATA FROM THE PAST DECADE

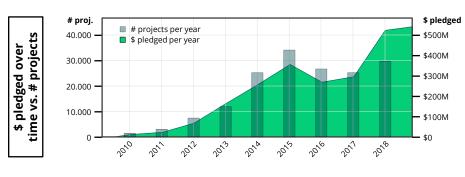


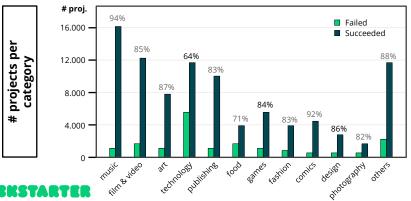
DATA COLLECTION | PREPROCESSING AND TRANSFORMING





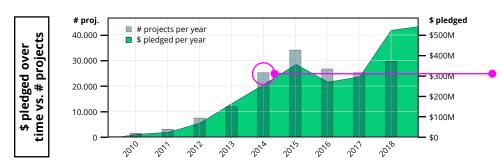
DATA COLLECTION | INSIGHTS (SELECTION)



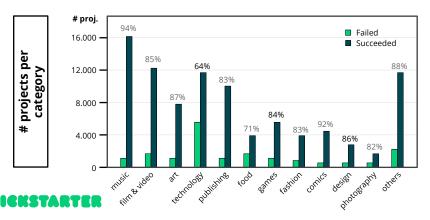




DATA COLLECTION | INSIGHTS (SELECTION)

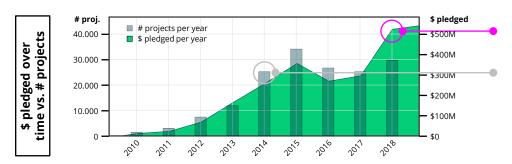


High growth in # of projects in early years, but \$ pledged were still relatively low compared to today



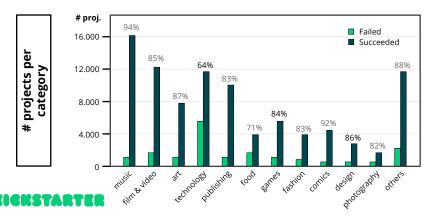


DATA COLLECTION | INSIGHTS (SELECTION)



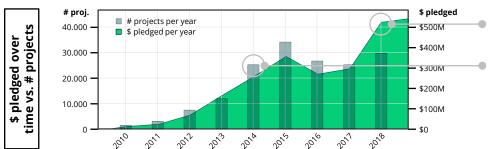
Sharp increase in \$ pledged relative to # projects, indicating a higher average pledge amount per project

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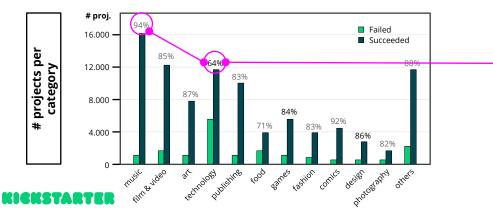


DATA COLLECTION | INSIGHTS (SELECTION)



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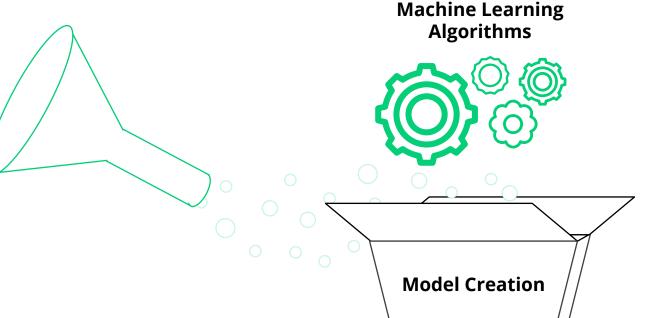


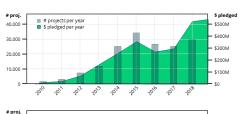
Success rate varies substantially depending on category, but is not the only important measure (e.g. Technology has a high mean pledged amount of \$70.000, music only \$8.000)

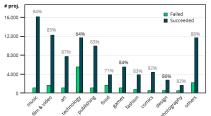
DATA AND INSIGHTS COMBINE TO FORM A PREDICTIVE MODEL VIA ML ALGORITHMS



APPROACH





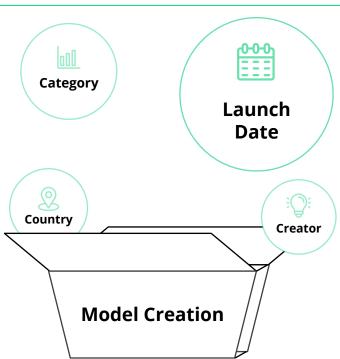


THE KEY DETERMINING FEATURES CAN ALL BE DERIVED AT PROJECT CREATION



APPROACH





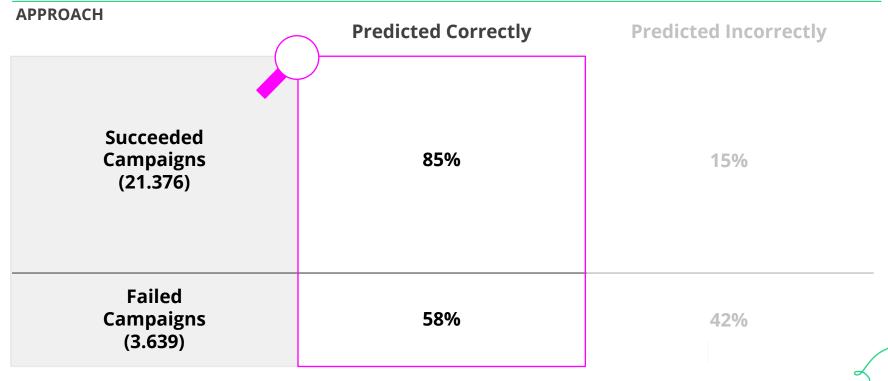


Bubble size indicates relative feature importance



AT THIS STAGE THE MODEL IS ALREADY A SUBSTANTIAL STEP FORWARD







ILLUSTRATIVE EXAMPLE	RICHSTARTER	•
1 of 3		

First, let's get you set up. Pick a project category to connect with a specific community. You can always update this later. Select your category Your first project! Welcome. Next: Project idea



ILLUSTRATIVE EXAMPLE

MICKSTARTER



First, let's get you set up.

Pick a project category to connect with a specific community. You can always update this later.







ILLUSTRATIVE EXAMPLE MICKSTARTER 1 of 3 First, let's get you set up. Pick a project category to connect with a specific community. You can always update this later. Music • Next: Project idea Your first project! Welcome.





ILLUSTRATIVE EXAMPLE

KICKSTARTE



2 of 3

Describe what you'll be creating.

And don't worry, you can edit this later, too.

A novel written in three languages.	
	0/13
- Category	Next: Location

To create a project, you're required to provide your location, age, national ID, banking and tax information, email, and mailing address. This information is necessary to prevent fraud, comply with the law, and - if your





ILLUSTRATIVE EXAMPLE

KICKSTARTER



2 of 3

Describe what you'll be creating.

And don't worry, you can edit this later, too.

Collection of influential Data Science Song Hits.
Triple Bam!
The album will feature songs from ...

99/135

← Category



To create a project, you're required to provide your location, age, national ID, banking and tax information, email, and mailing address. This information is necessary to prevent fraud, comply with the law, and — if your





ILLUSTRATIVE EXAMPLE

KICKSTARTER



3 of 3

Finally, let's confirm your eligibility.

Tell us where you're based and confirm a few other details before we proceed.







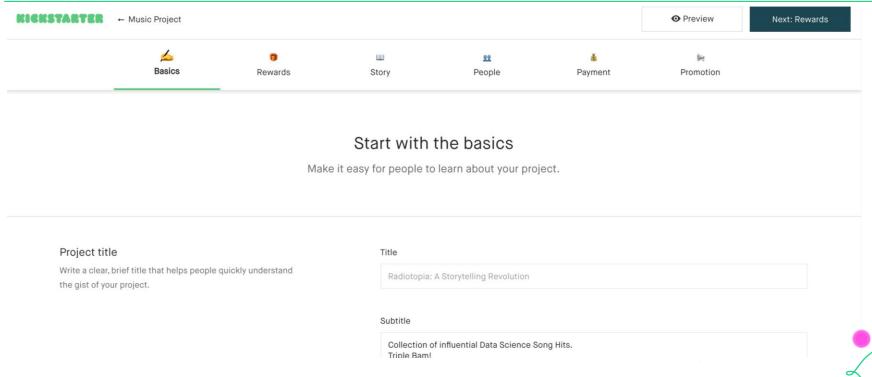
ILLUSTRATIVE EXAMPLE

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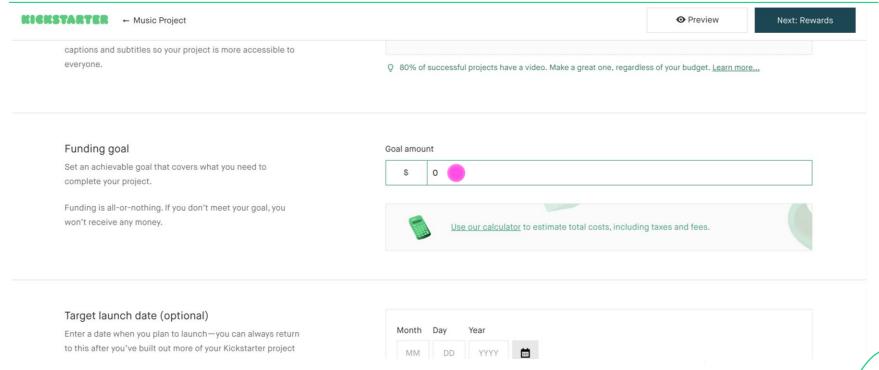
the United States •		
What if my country isn't listed?		
I am at least 18 years old.		
I can verify an address and bank account in the United Stat	tes.	
I can verify a government issued ID.		
I have a debit and/or credit card.		
← Project idea	Continue	



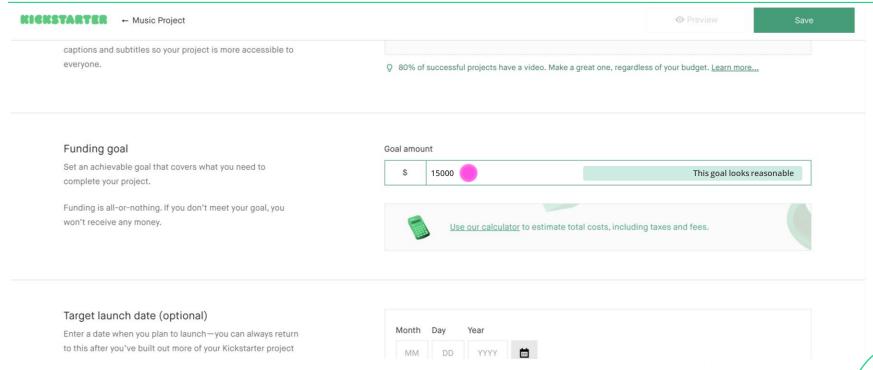




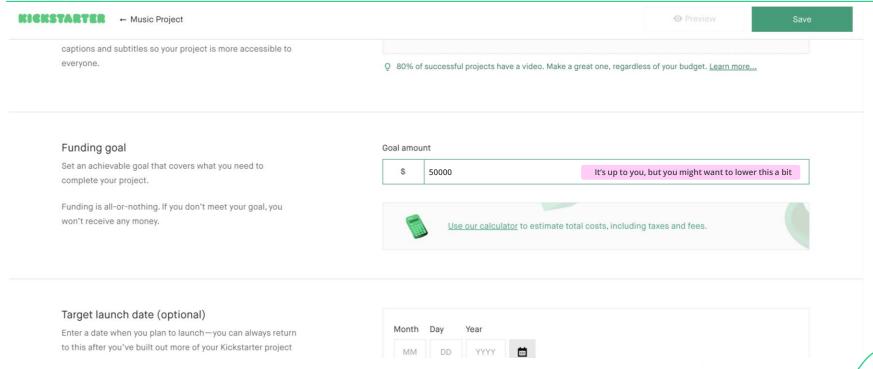


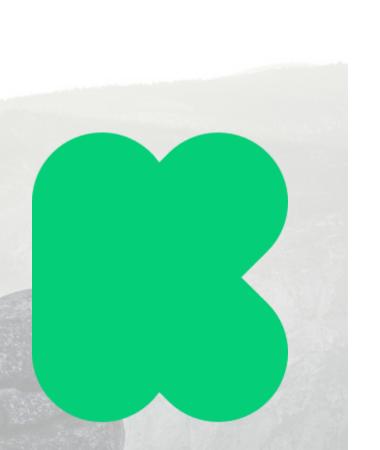












01 BACKGROUND

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Where are we heading?

TWO KEY QUESTIONS NEED TO BE ADDRESSED IN THE UPCOMING WEEKS



NEXT STEPS / FUTURE WORK

QUESTION 1:

The model allows for certain flexibility in prioritizing different metrics. **What is your focus in terms of success rates?**

We will **adjust our future work** in gradually improving the model accordingly

QUESTION 2:

We have initiated investigating potential approaches and implementation of a goal recommendation system. **How do we proceed for goal prediction?**



We suggest a **parallel development of the goal prediction model**, adjusting the weight based on your priorities



THE MODEL CAN BE ADAPTED FLEXIBLY TO YOUR SUCCESS TARGETS

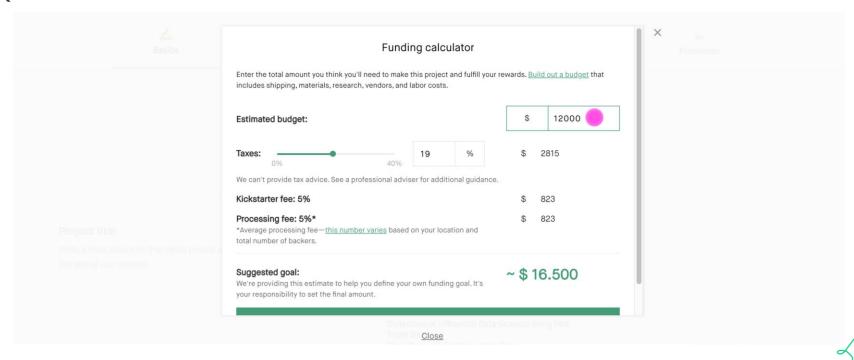


QUESTION 1: WHAT IS YOUR FOCUS?	Predicted Correctly	Predicted Incorrectly
Succeeded Campaigns (21.376)	85%	15%
Failed Campaigns (3.639)	58%	42%

AS A NEXT STEP IT IS SUGGESTED TO SET UP A PROTOTYPE FOR GOAL PREDICTION



QUESTION 2: HOW DO WE PROCEED FOR GOAL PREDICTION?

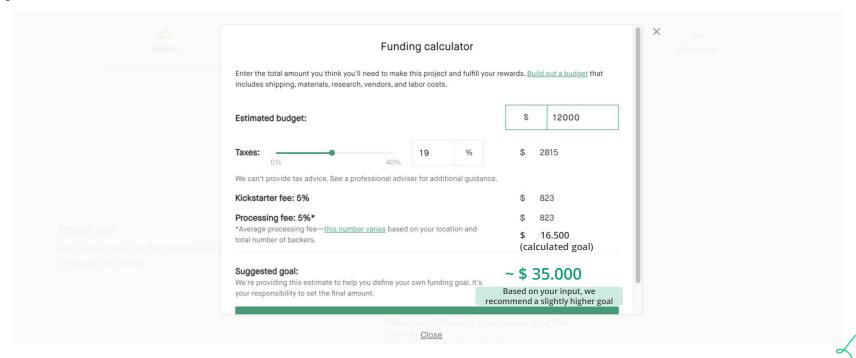




AS A NEXT STEP IT IS SUGGESTED TO SET UP A PROTOTYPE FOR GOAL PREDICTION



QUESTION 2: HOW DO WE PROCEED FOR GOAL PREDICTION?





Just an excerpt of what we have been analyzing ...



Thank You!

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