

CodeForGood - Team 11

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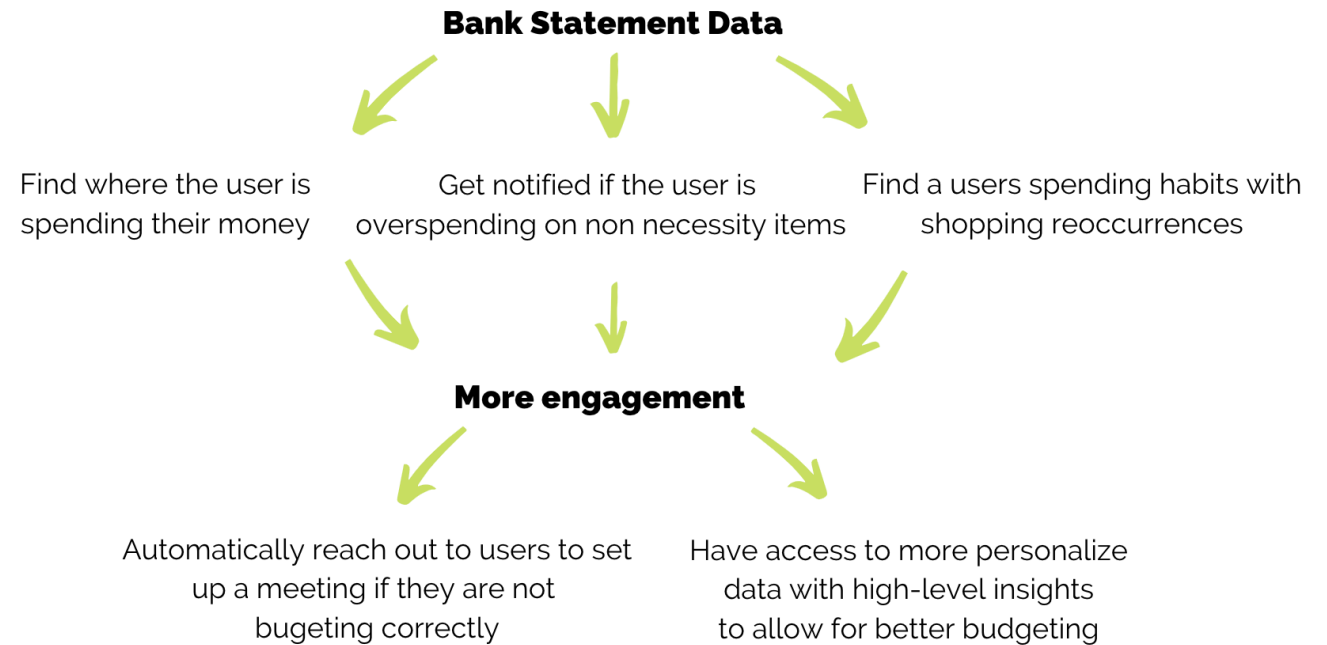
Problem Statement

- ▶ For CodeForGood, we wanted to focus on using data to bring a new level of engagement to improve the graduating rate of the Debt Management Program for Apprisen
- ▶ We created a simple web app that allows a user to easily upload their bank statements to allow for greater insight on their monthly spending's all in one accessible location

So Why Does It Matter?

- ▶ This data allows for automated triggers when unnecessary or over-spending occurs to allow Apprisen to reach out to the user creating a more engaging and trusting relationship
- ▶ More consistent and detailed data allows for further insight to why they need financial help creating a new perspective on how to motivate the user

Impact Diagram



So How'd We Do It?



Pandas: Used for Data Preprocessing & Analytics



Python: Used with Flask for our Backend



SQL: Used to Create our Fully Functional Database and User System



CanvasJs: Used for data visualization



React: Used for our beautiful web-app

Looking Forward

- ▶ Implementing the fully featured trigger and alert system to get the maximum user engagement
- ▶ Create a classification model to get the most impactful insights out of the bank statement data



Thank you for
all the Fun!
#CodeForGood
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