MODULE 1 HOMEWORK

CULLEN

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A graph of a number of different colored lines

Description automatically generated with medium confidence

* Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?

1. There are more successful crowdfunding campaigns every month than there are failed crowdfunding.
2. Fewer people cancel their crowdfunding campaign than those who do not reach their crowdfunding goal (failed)
3. People are more likely to let their crowdfunding campaign finish, whether successful or failed, rather than cancel.

* What are some limitations of this dataset?
* We do not know the external data (real-world events) that could impact the success of a project during a specific period.
* We don’t know how much the campaigns were trying to raise. Thus, the successful ones only need $1, and the failed ones could be $100,000.
* What are some other possible tables and/or graphs that we could create, and what additional value would they provide?
  + A table giving context to how much money each of the successful, failed, and canceled was trying to raise. We would need to pull the goal total from the crowdfunding table.
  + We could create a graph showing, for each month, what the crowdfunding category was. This would give us information into why people were raising money. Was it for medical bills, or was it for a short film? We would need to pull the category information from the crowdfunding sheet.

There is more variance with the successful campaigns than unsuccessful campaigns. The Variance for Successful Campaigns is 1603374 and Failed Campaigns is 921575. This Hypothesis is strengthen by the fact that the Standard Deviation of Successful Campaigns is greater than Failed Campaigns. This is because