|  |
| --- |
|  |
| UWA Data Analytics Boot Camp | |
| Week 01 Homework | |
| Document No.: 0000-AS-UWA-10001  Security Classification: Unrestricted | |
|  | |
|  | |
|  | |

**TABLE OF CONTENTS**

[1 Reflection 3](#_Toc66308032)

[1.1 Question 1 3](#_Toc66308033)

[1.2 Question 2 3](#_Toc66308034)

[1.3 Question 3 3](#_Toc66308035)

# Reflection

## Question 1

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

#### Answer:

* Theatre and Music have the highest volume of Projects however out of the two categories Music appears to have a higher success to failure ratio in comparison to Theatre.
* The Theatre sub-category “Plays” has the highest number of success projects and also failure rate whereas the Music sub-category “Rock” is the second highest number of successful projects and has a 100% success rate.
* May had the highest launch success whereas December reflects the lowest success launch month.

## Question 2

*What are some limitations of this dataset?*

#### Answer:

* The background statement notes there were more than 300,000 projects launched on Kickstarter whereas the data set only reflects 4114 launched projects. As a Result and due to the segment of the population data size the results may not provide accurate trends and overall summary.

## Question 3

*What are some other possible tables and/or graphs that we could create?*

#### Answer:

* Calculate the success to failure ratio for parent category in a new table and present data in a line graph to represent which category had a high success ratio over failure.
* Create a combination graph of successful and failed projects launched per country.
* Create a table of the average donations per sub category to easily identify the sub category with the highest and lowest donation average.
* Create a table based on the goal outcome displaying goals within a value range and calculate the total number of success, failed and cancelled projects, the percentage of success, failure and cancelled projects per value range to identify the most successful goal range.