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# POP it like it's HOT!!!!

Which Brand of Popcorn Pops the Best?





# QUESTION

Which brand of popcorn has the most popped popcorn kernels?

# HYPOTHESIS



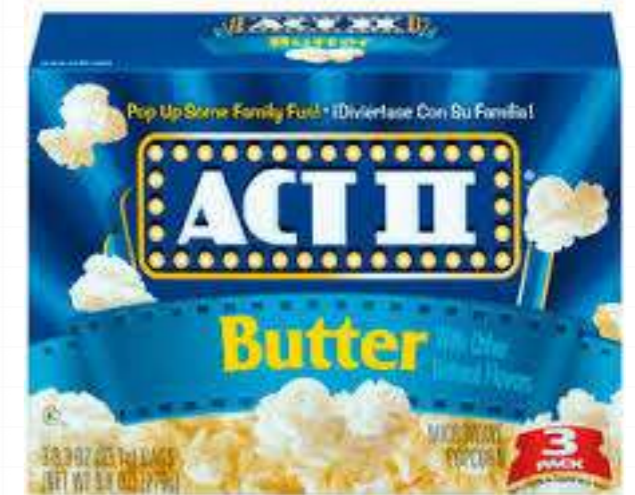
Our hypothesis is that Act II Brand of popcorn has the most popped popcorn and the least amount of popcorn kernels.

# PROCEDURE

First we are going to set up five different stations. Then we will label each station with each brand of popcorn. We will then start with the first brand pop-secret and count the kernels in the bag both popped and unpopped. A different member will recount the popcorn to make sure that they are right. Then we will record our data that we found. After that brand, we will repeat our procedure for the other brands including Aldi, Smart Balance, Kirkland Signature, and Act II. After all the work is done we will gather all data and make sure a correct conclusion is made.

# Materials

1. Popcorn/Butter Flavor
2. Aldi Food Brand
3. Smart Balance/Fit & Active Popcorn
4. ACT II Brand
5. Kirkland's Signature
6. Counter
7. Computer
8. Graph Paper
9. Containers



# Journal Findings

During the experience the Aldi Brand popcorn burnt a little so that might effect the number and percentage of popped and un-popped popcorn. The popcorn of the Fit & Active Brand didn't have a lot of kernels left over but they did not have as few as Kirkland's Signature Brand. Act II had the most un-popped popcorn kernels of all the brands tested. Kirkland's Signature and the least amount of un-popped and the most amount of popped popcorn.



# RESULTS

Our result of the best brand of popcorn is that Kirkland's Signature because it had the most percentage of popped popcorn with 94.6%.

The second is best is Fit & Active Brand with 91.3% of popped popcorn. The third Best that we tested is Aldi Brand with 89.6% of popped popcorn. The worst brand and 4<sup>th</sup> place was the ACT II brand with 83.6% of popped popcorn. Our results may be different if we would have look at the expiration dates because the popcorn could be older than others. The best brand to buy to get the most popped is Kirkland's but if you want a healthy popcorn then Fit & Active was a difference 3.3%. If we did this again we would count differently or use more bags. We could change the time that we cooked the popcorn.

# CONCLUSION

Our hypothesis was incorrect because it didn't pop the most popcorn kernels in the bag. ACT II was actually the worst brand at popping the popcorn. It was incorrect because it had lower percentage than all of the other brands of popcorn.

