

## WHY MY PROJECT IS BETTER?

- The average speed of the code is 45 minutes as mentioned in the code cycle pdf
- My project's runtime is less than 25 minutes which is almost half of the the original time

## HOW WAS THIS POSSIBLE?

- This was achieved by not opening the csv file in every iteration
- That is the csv file was opened after the execution of the for loop

```
f = open("/kaggle/working/wikiHow.csv", mode = 'a', newline = '', encoding = 'utf-8')
writer = csv.writer(f)
for i in range(len(total_titles)):
    article_title = total_titles[i]
    subheadings = total_subheadings[i]
    paragraphs = total_paragraphs[i]
    if(len(subheadings)):
        for i in range(len(subheadings)):
            writer.writerow([article_title, subheadings[i], paragraphs[i]])
        writer.writerow(['\n']) # for seperation between articles
```

- The data was temporarily stored in lists
- Then the data was written to the csv file
- Thus the project was more effective