

3.2 Easy Frequency Analysis question where each letter is replaced by an emoji:

cipher: book.txt - can you help my find the name of this book and it's writer? Link: <https://drive.proton.me/urls/7HMYHJQB20#3ssNqYMRXIKp>

WRITE UP:

I first manually glanced through the first page and looked at 3 letter emoji words. I noticed 🤪😭😍 and 🤔😏🎉 had the most occurrences. I assumed that they must represent “the” and “and”. I planned to do trial and error so I assumed the first combination to be “the” and the next to be “and”. Using that we found 6 letters and then I looked at the first word which was 🤔🤪🤔🤪🤪🐱😏. I got _tate__ as the 7 letter word so I looked up online and found that it is mostly resembling to “stately”. Using this I now have 9 letters and I continued and found few more words using the same method.

After acquiring the sentence “stately, plump buck mulligan came from the stairhead” I proceeded to search online and I found the book name as well as the author.

Book: Ulysses

Author: James Joyce