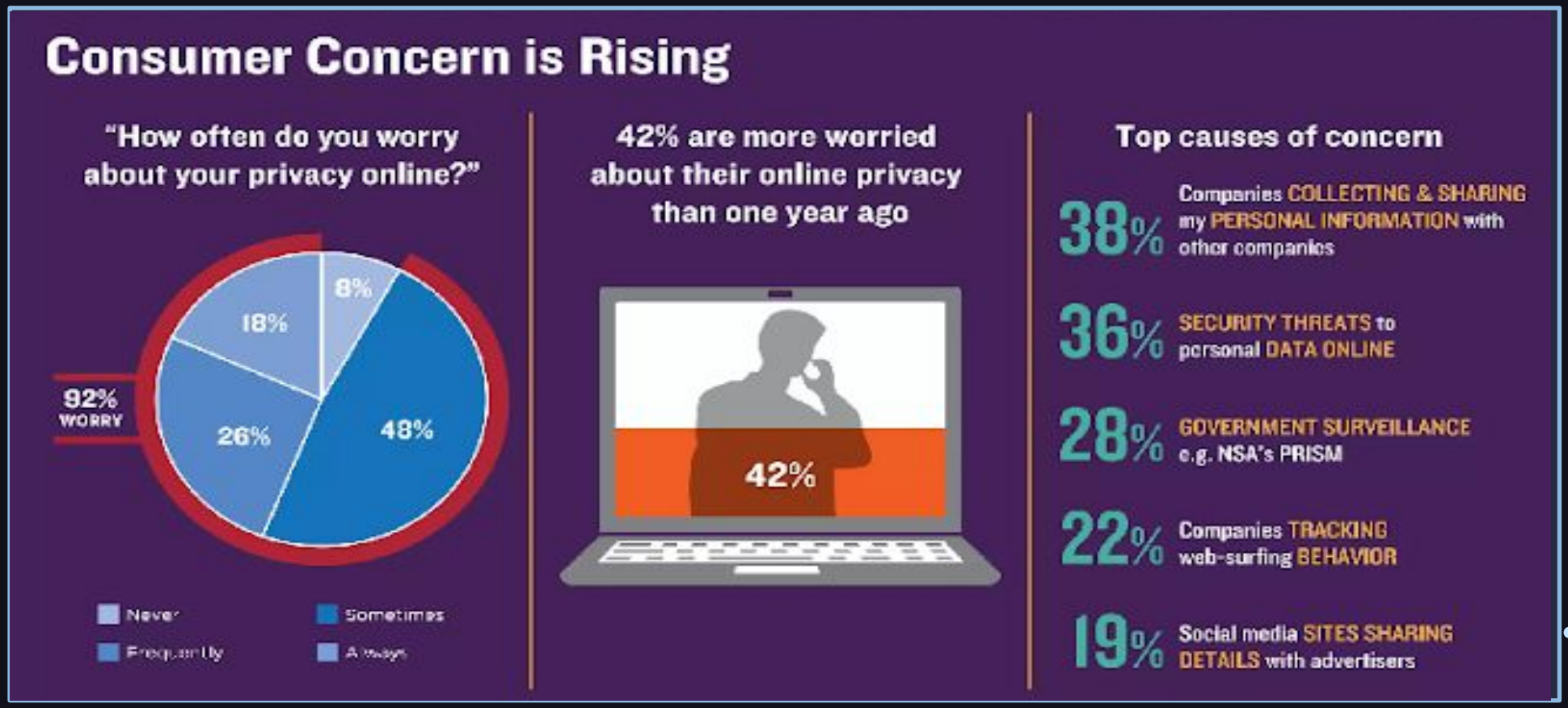
Blueberry

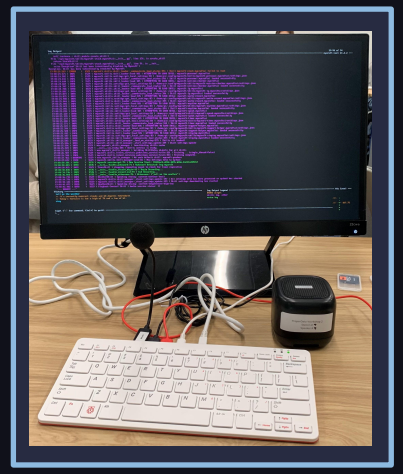
< Quentin Chen, Monica Taburiaux >

Introduction

Why Should You Care?



Mycroft Timeline



Day: 1

Building Mycroft

Day: 2

Using Mycroft

Code Blame 15 lines (9 loc) · 332 Bytes

```python
from mycroft import MycroftSkill, intent_file_handler


class FruitLister(MycroftSkill):
    def __init__(self):
        MycroftSkill.__init__(self)

    @intent_file_handler('lister.fruit.intent')
    def handle_lister_fruit(self, message):
        self.speak_dialog('lister.fruit')


def create_skill():
    return FruitLister()
```

Day: 3

Installing our skills

Features of Mycroft

Voice

Interaction occurs through a mic and speaker

Internet

Can access the internet to grab information

Trackers

ZERO trackers in the speaker

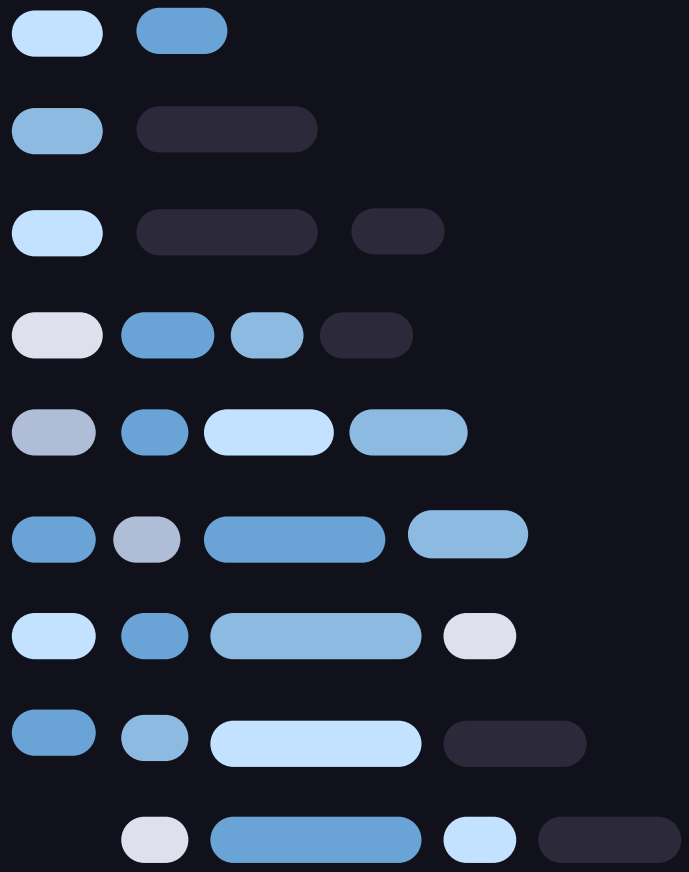
Skills

Ability to learn and utilize pre-programmed skills

Personalization

Installing/creating skills

Technical Issues



{ Tell Mycroft a command.

Input data:

Hey Mycroft, name a fruit.

Expected output:

Blueberry }

TikTok Mobile

- Ran experiment on a Car themed "For You Page" (attempted to change FYP)
- Correlation of actions and targeted content/advertising
- Watching entire videos was the most effective method

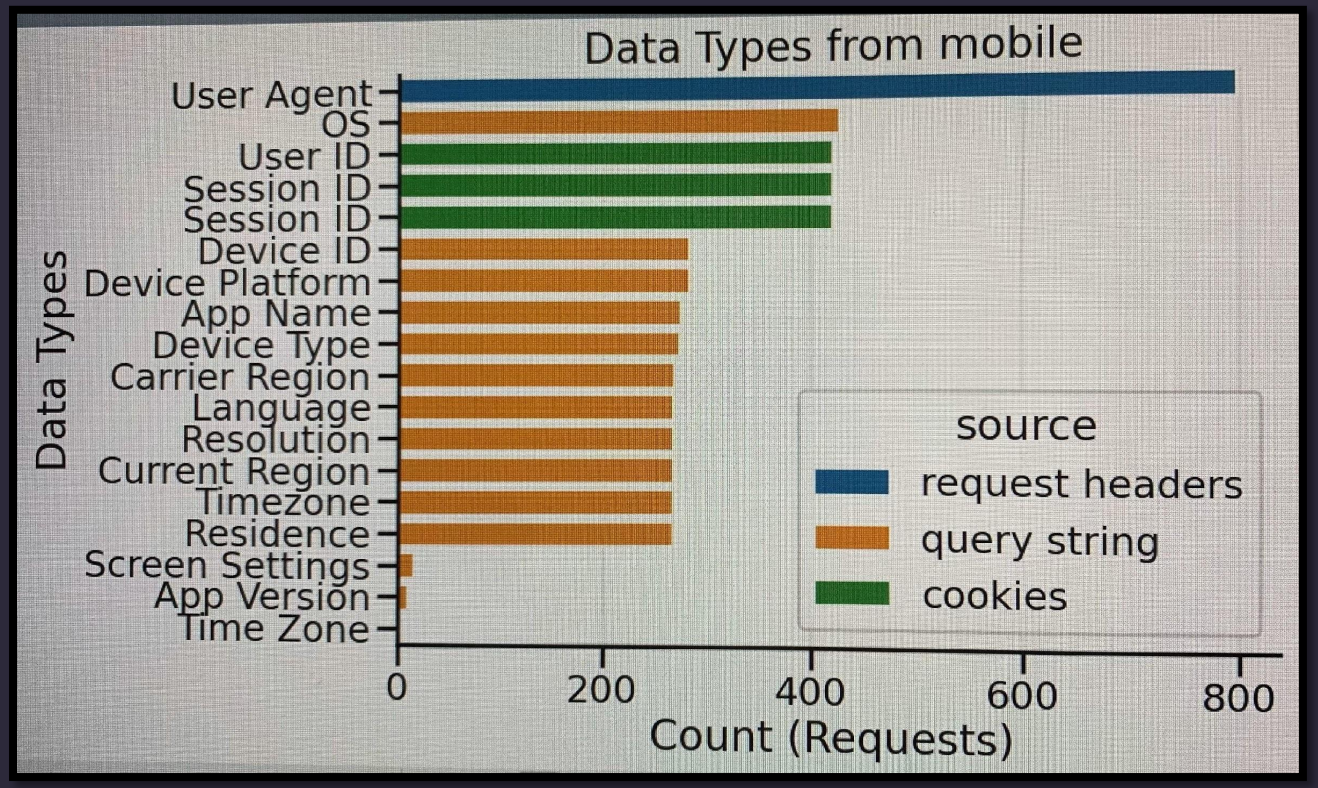


Figure 1:
Mobile Data

TikTok Web

Takeaway:

- More data is collected than you might think
- It's the little details
- TikTok was recently in court because of privacy concerns

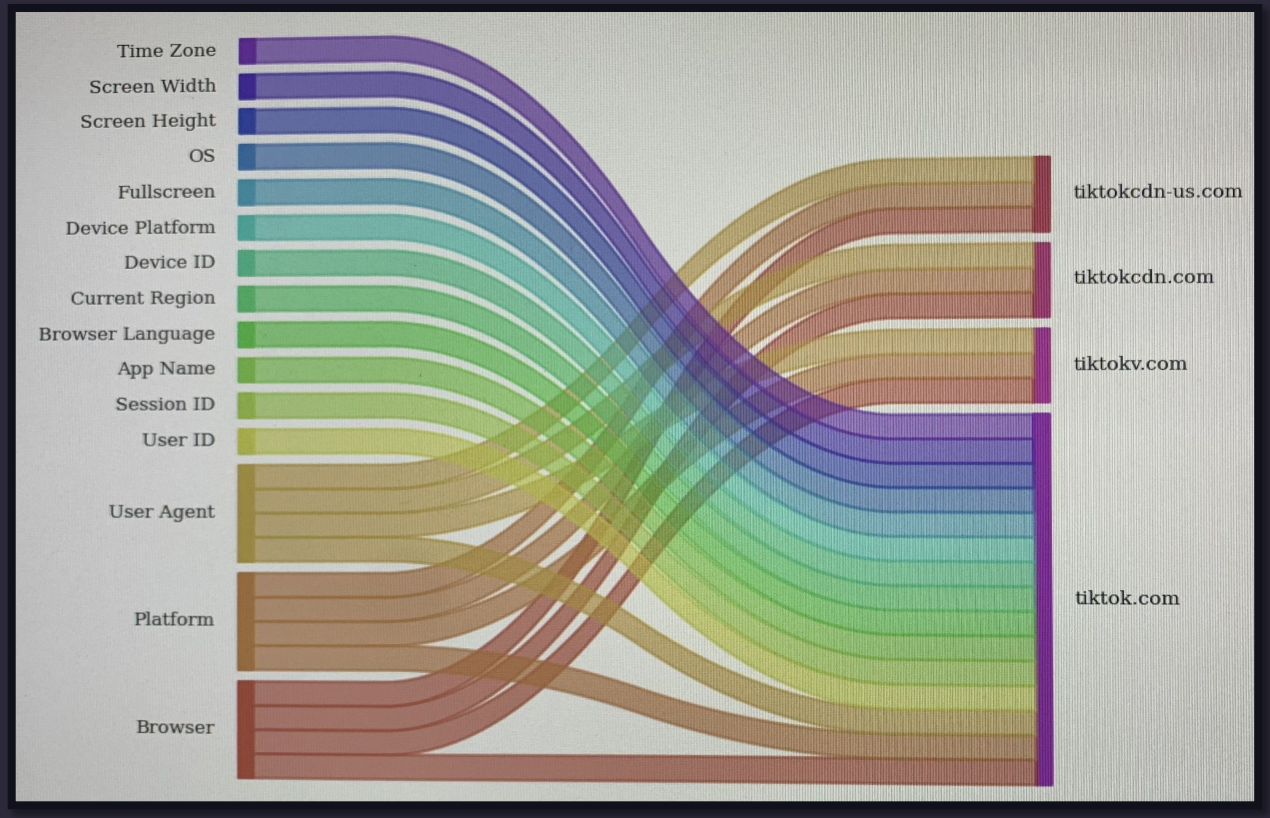


Figure 2: Web Data

M	N	O	P
firebog_advertising_tracking_abp_block_decision	moaab_abp_block_decision	pihole blocklist_default_abp_block_decision	stopad_abp_block_decision
1	1	1	0
0	0	0	0
0	0	0	0
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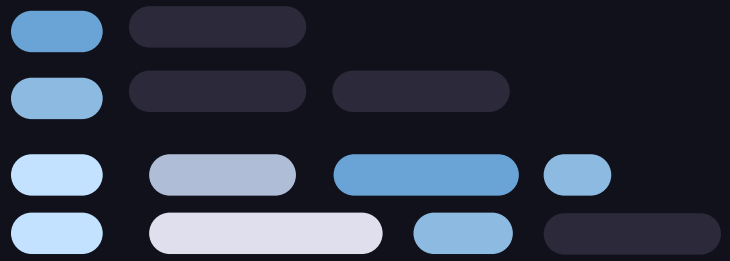
Alexa Data

- Our analysis of the Alexa data showed that there were trackers present

Our Experience

- Worked with Raspberry Pi
- Created our own skill

- Able to do some troubleshooting
- Was introduced to Linux
- Learned more about privacy and protecting our data



Thanks!

< Reach out to Blueberry on LinkedIn >

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