INTRODUCTION

Goal Statement:
The first part of this project is creating virtual assistant by using smart speaker and building skills on Mycroft. Building skills includes installing basic skills using Mycroft Skills Manager and customized skills (wines & beverages) using Mycroft Skills Kit.

The second part of this project is analyzing privacy issue by analyzing network and ads targeting after interacting with Alexa smart speakers.

Skills Developed and Purpose

- Developed cooking and beverage skills
  - How do I make a Bloody Mary?
  - How do I cook buffalo wings?
- Utilized trace file analysis
- Utilized Jupyter Notebook for bidding data analysis
- Utilized HTTP server for ad image analysis

Skilled personas received higher bid values than no-skill (vanilla) personas since they are targeted personalized ads and tracked from their interactive skills!

Rpi Data

- Developed cooking and beverage skills
  - How do I make a Bloody Mary?
  - How do I cook buffalo wings?
- Utilized trace file analysis
- Utilized Jupyter Notebook for bidding data analysis
- Utilized HTTP server for ad image analysis

Alexa Data

- You private information is being tracked!
- Top private questions asked by Alexa when the user initiates Alexa symptom checker asking for possible diseases he/she might have.

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