ProperData 22 - Exploration of Raspberry Pi, Mycroft, & Amazon Echo

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What We Expected

- IoT Research
- Creating Voice Assistant
- Raspberry Pi
Experience Before the Program

- C++
- Python
- Terminal/command line
Experience Through the Program

- **Highlights:**
  - Raspberry Pi
  - Mycroft
    - Skills
  - Amazon Echo Dot
    - Interest personas and CPM
How we have been changed

- Soft skills: public speaking, teamwork
  - Research panel, TinyML
- Hard skills: tcpdump, tshark, blocklist
Obstacles

- “Hey Mycroft”
  - “…”
- Translation skill
How can the device help? How does it stand out?

- Promote consumer awareness
- Good policies & ethics
- Open Source
- Special guest
Big thank you to the ProperData team for this opportunity! We have learned many valuable lessons.

Ernest Garrison  
Rahmadi Trimananda  
Dr. Umar Iqbal  
Janus Varmarken  
Dr. Athina Markopoulou  
Marilyne Tamayo  
ProperData guest speakers

And it was awesome to get to know our peers along the way!
Thank you for your time!

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