AWS Challenge: Alexa OSU Crime Reporter

By: TCR Workers
Eddie Zink, William Sun, Allen Chen

Background

- With recent increases in campus crime, more important than ever to stay updated on the most recent events
- Alexa and AWS can be used to provide convenient access to up-to-date crime reports

Technologies Used

- AWS
  - Lambda
  - DynamoDB
  - IAM
  - CloudWatch/EventBridge
- Alexa Dev. Console
- Python
  - Requests
  - Boto3
  - JSON

Demo

Next Steps

- Improve scraping method
- Use better database architecture
- Improve dialogue with Alexa
- Apply to other use cases (other campuses, traffic/accident updates, etc.)

Thanks for Listening!