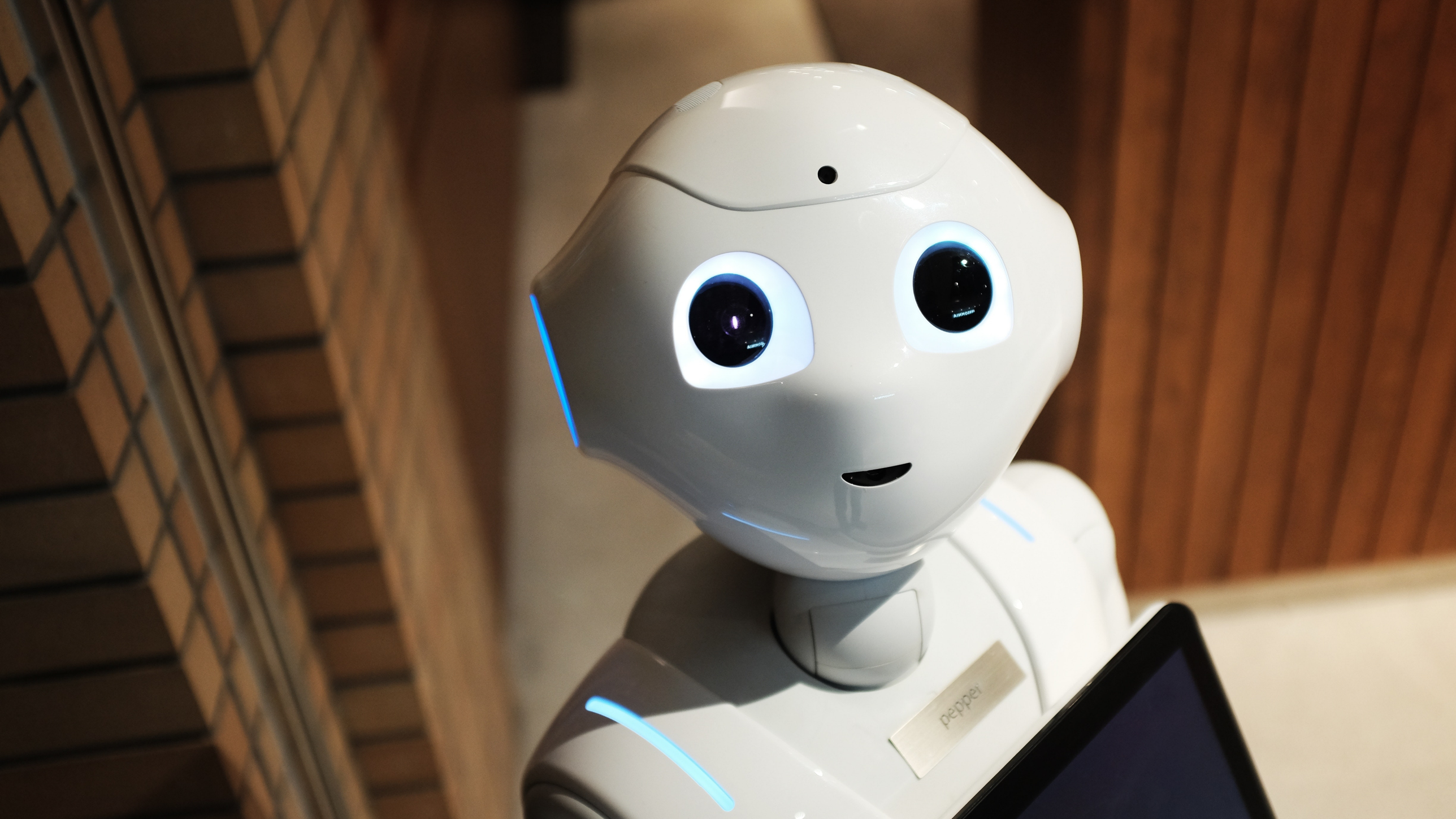
ZEERAK TALAT | UNIVERSITY OF SHEFFIELD | 27.11.2019

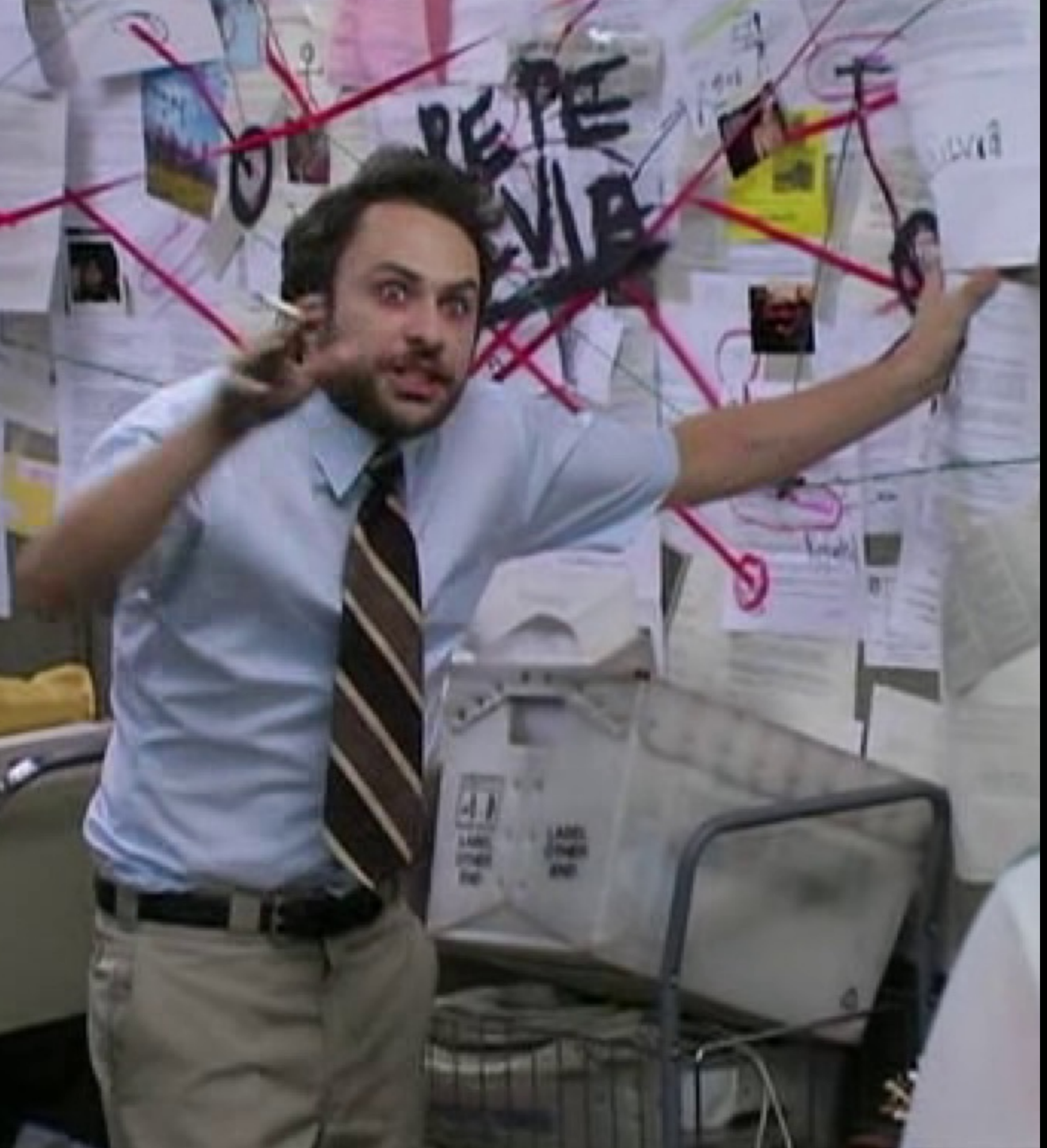
ABUSE DETECTION AT THE FLIP OF A COIN


pepper

COIN FLIPS

- Predicting a coin flip
  - Individual guess: 50/50
  - Distributed probability: 50/50
- Machine learning powered coin flip prediction
  - Features: weight, size, material composition


Questions? Comments?



- Language is complex
- We encode biases into labels
- Computational models “learning”

MODEL TYPES

- Linear models
- Non-linear models (Neural networks)
- Commonalities
  - Small scale data don’t generalize well
  - Reliant on the data
  - Error driven

MEASUREMENTS OF ERROR

- Accuracy
- Precision
- Recall
- F1-Score