

2022-08-12

Slide 1

- Name
- Current position
- Where?
- QR code
- Title of presentation

Slide 2

- Am I the only one that been lost in class before?
- Lets face it we all have
- Course of action.
- Ask teacher
- Ask friend or research
- Give up
- What you know & dont
- Prot cant tailor to everyone unique knowledge backgrounds & needs

Slide 3

- ~~Doesnt apply to only educational scenarios~~
- One size fits all approach isnt exclusive to educational scenarios
- Ikea notoriously has poor instructions which need instruction
- Ikea offers expert service
- ~~When e.~~
- We cant always rely on experts to come and help

Slide 4

- APIs offer services and connect software systems
- Machine Learning is on demand
- People in _{not in} SE use APIs^{docs} to implement APIs
- They aren't SE so they don't get API docs similar to being lost in class

Slide 5

- TF is a popular ML library w wide variety of functionality
- tutorials cater toward different levels
- social media discussions

Slide 6

- How user expertise have been considered in TF doc
- What model adjusts API doc based on user exp
- What are TF user level of expertise that we wish to cater doc to?

Slide 7

- Mentioned expertise multiple times.
 - Readability levels used to evaluate documentation.
 - Using Flesch reading ease, Flesch kincaid grade, gunning fog
 - Readability \propto complexity
- ~~slide 8~~

- direct technical words \propto complexity

Slide 8

Slide 9

Slide 10

} slide talk.

Slide 11

- We chose logistic regression
- Conducted undersampling bc of # of training data
- Recall, Precision, F
- Bernoulli NB validate

20/10/11

Andrew

slide 12

- k means for # of expertise
- we tested $k=2$, only on Big blobs
- tested $k=3$, 2 groups in Big blob
- proximity means beginner & mix

slide 13

- Beginner > Mixed
- contradicts concept of Readability improving understanding
- more questions for beginner

Slide 14

- Easier Automatic sentence Simplification
- Audience-Centric Sentence Simplification
- 11/12 grade \rightarrow 6/7 grade

Slide 15

- Quality Education
- make learning ab ML & SE
- expand to different bgs.
- in hand improve goal 9
- promote innovation in industry improving Research & development
- efficiency

Slide 16

- user review & feedback to help validate tool
- apply research to diff. facets
- cater to diff. lgs. & need ~~explore~~
- explore more expert levels
- or learning styles