

BlueML

Machine Learning









Task T



Experience E













Machine Learning = Data-driven process









Task T

- Text classification
- Multilabel
- Different domains:
 - Higher Education
 - Employee Experience
 - Employee Learning Experience









Task T

Experience E











Open feedback relevant to the task

Annotation









Guidelines





Revise

Annotate



Evaluation











Guidelines

- 1. Initial manual survey of the data
- 2. Write the definitions for each category
- 3. Find typical examples
- 4. List common keywords
- 5. Discussions with Domain Knowledge Experts









Annotate

1.3 annotators read and extract relevant information from texts

2. A judgement call is made for the sentiment(s) and emphases in texts

- 3. All categories are evaluated at once for each text
- 4. More than one category per text is possible









Evaluate

- 1. QA by our most experienced annotators
- 2. Search, identify, and research edge cases from annotated texts
- 3. Meetings and discussions over edge cases
- 4. Determine and experiment with potential solutions (for edge cases)









1. Identify weaknesses which stemmed from Evaluation phase

2. Try to innovate new ways of tagging

3. Find delta between theory and reality

4. Make pertinent changes to guidelines iteratively until concrete rules develop











Task T

Experience E



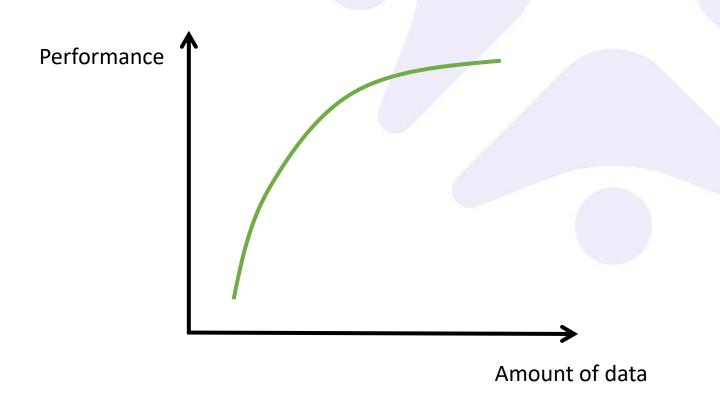








- F-beta Score
- Precision > Recall

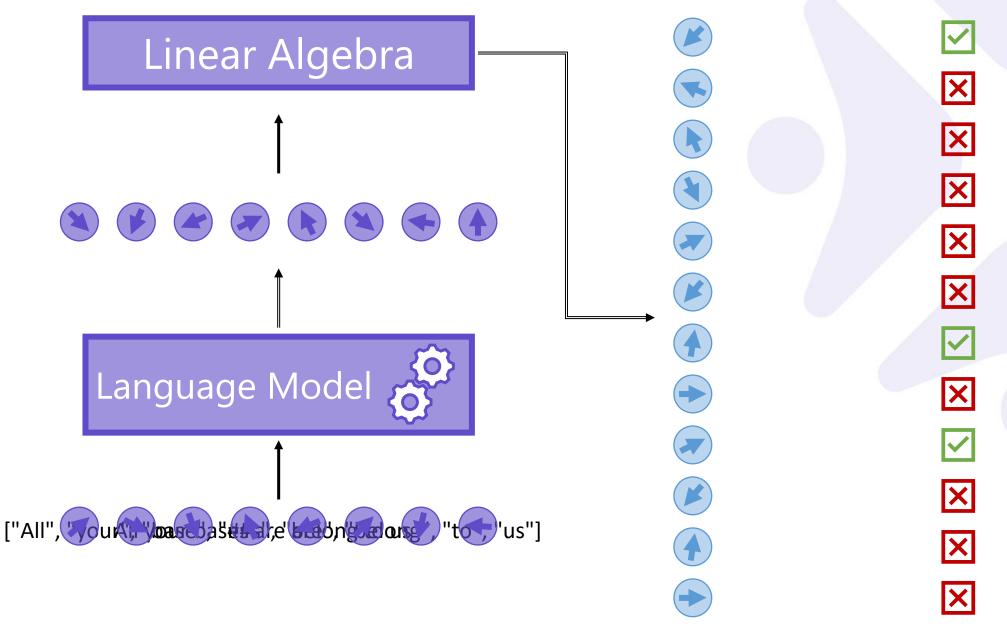




















Task T

Experience E













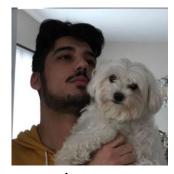
Joud



Audrey



Erika



Thomas



Akio



Melody



Brice



Suri



Sebastian



Nahla



Robert



Duncan



Leticia





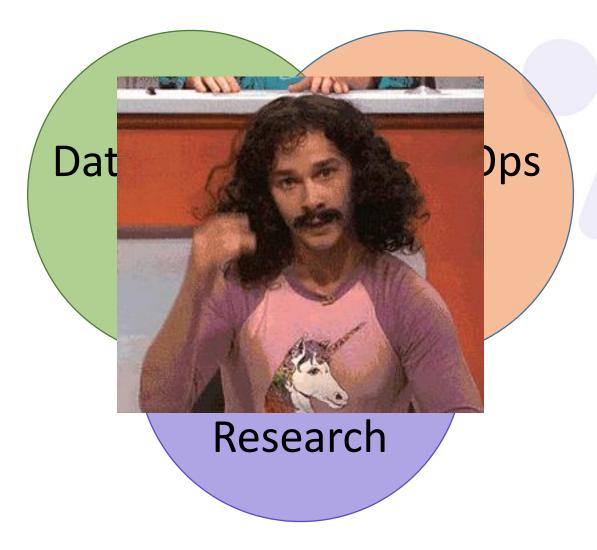
Joey Maureen Monica Iana



















Toss data to your ML team









