

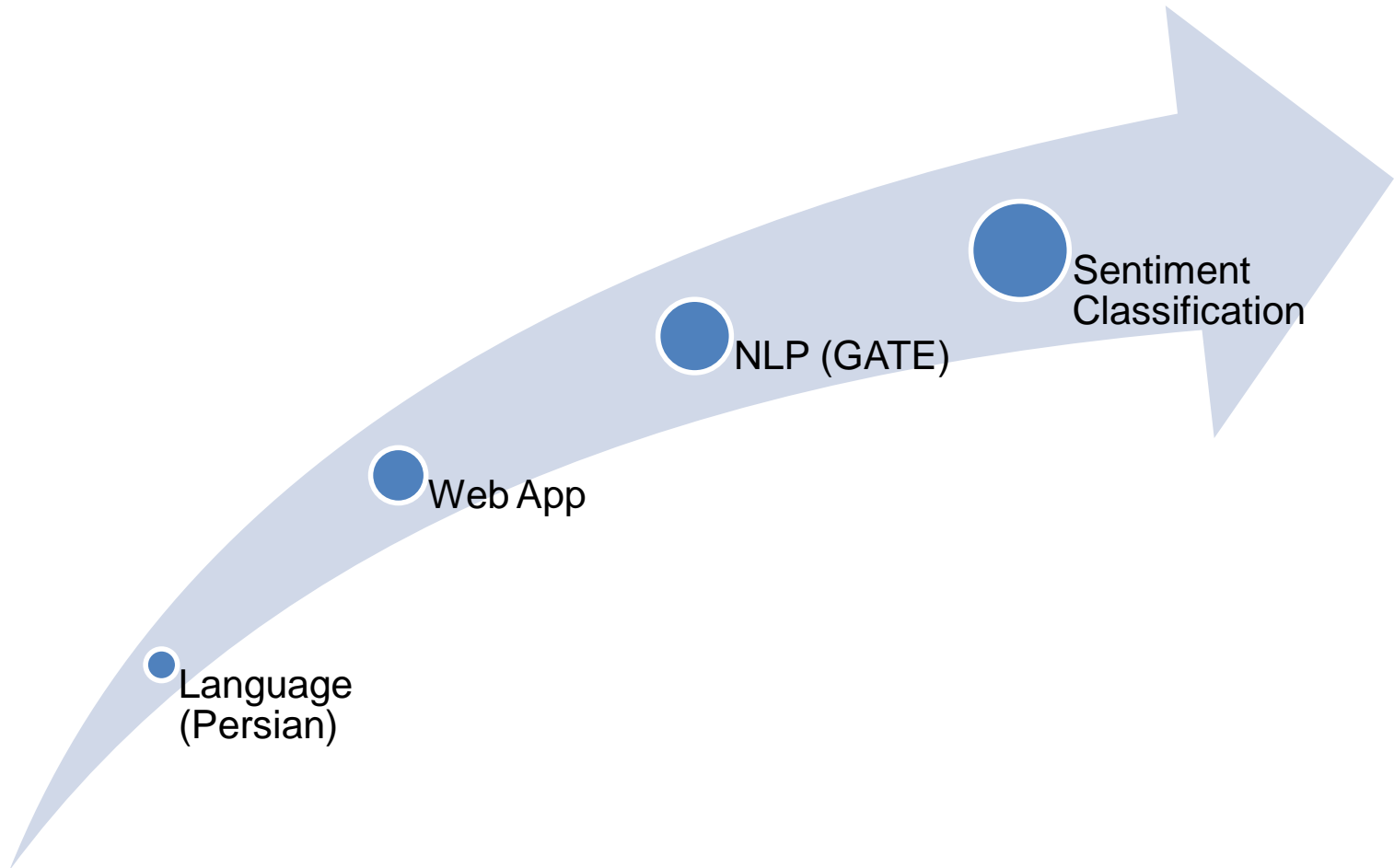
SENTIMENT ANALYSIS FOR ENTERPRISE TRACKING AND RATING SERVICES (FOR PERSIAN LANGUAGE)



Fatemeh Amiri

Mohammad khodashahi

Technical System Documentation



Language (Persian)

- How we Create Persian Lexicon include :
 - Positive
 - Negative
 - Neutral

Find some grammar pattern for finding Sentiment of sentences

NLP (GATE)

- Tokenize
- Sentence Splitter
- POS tagger (Ferdowsi University of Mashhad)
- Gazetteer (negative and positive words)
- Jape rules:
 - Find Negation word
 - Find Negation Verb
 - Sentence Sentiment
 - Document Sentiment

Sentiment Classification

- How we Predict Sentiment of Document

TEST

- Determine accuracy of our System for Sentiment classification in Persian Language

End-user System Documentation

- How the users can send text to our system for sentence classification
- Which kind of information reply for users.

Thanks For your Attention



End-user System Documentation

- To use the API, send a HTTP POST request to Our Web Address with the "txt" key containing the text you want to classify You will receive a JSON response of the form:
- { "result": { "sentiment" : "Positive" } }