Student: Ritesh Bachhar

University of Rhode Island

riteshbachhar@uri.edu

Mentor: Murat Aydogdu

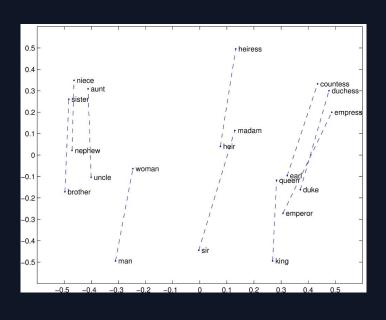
Rhode Island College

maydogdu@ric.edu

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- NLP & Word embedding
- Glove implementation of words
- Co-occurrence matrix



- T: frog
- 1. frogs
- 2. toad
- 3. litoria
- 4. etc

(https://nlp.stanford.edu/projects/glove/)



- Impact of domain-specific representation of word vector
- Wikipedia articles (5.8 mil)
- Finance documents 10-K filings by publicly traded companies
- e.g. Interest (Distinct meaning in general and finance context)



Goals

- Vector representation; Glove
- Small scale test of existing code
- Large scale representation of word vector using two corpora
- Setting up workflow on Unity



Timeframe

May	Glove; Initial setup
June	Tokenizer; Testing code; Resource management
July	Run Glove on large scale dataset; streamline workflow



- What I hope to learn
 - -NLP & vector representation
 - Bash scripting, slurm
 - -Large scale computing with HPC
 - Parallel computing



- Help needed
 - Resource management (partitions, nodes, ntasks, cores etc.)
 - Shared directory
 - Parallelization

