

# **3/18 Paper Intro**

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# Outline

1. Mogrify LSTM
2. Retrospective Reader
3. Generalization through Memorization: Nearest Neighbor Language Models
4. Differentiable Reasoning over a Virtual Knowledge Base



# Mogrify LSTM - Motivation

# Mogrify LSTM - Model

# Mogrify LSTM - partial Experiments

# Mogrify LSTM - Insight





# Retrospective Reader - Motivation

# Retrospective Reader - Model

# Retrospective Reader - partial Experiments

# Retrospective Reader - Insight



# knn-LMs - Motivation

# knn-LMs - Model

# knn-LMs - parital Experiments



# knn-LMs - Insight



# Recap

# Question 1

## Question 2

# Question 3

# Question 4