

# Applications of Deep Learning in stock market Prediction

PRANAV LODHA

# Agenda

- Introduction

- Workflow

- Data

- Algorithms

- Conclusion

# Introduction

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- Review papers that go over predicting the stock market using deep learning techniques

- How each paper approached stock prediction

# Workflow

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- COLLECTING DATA



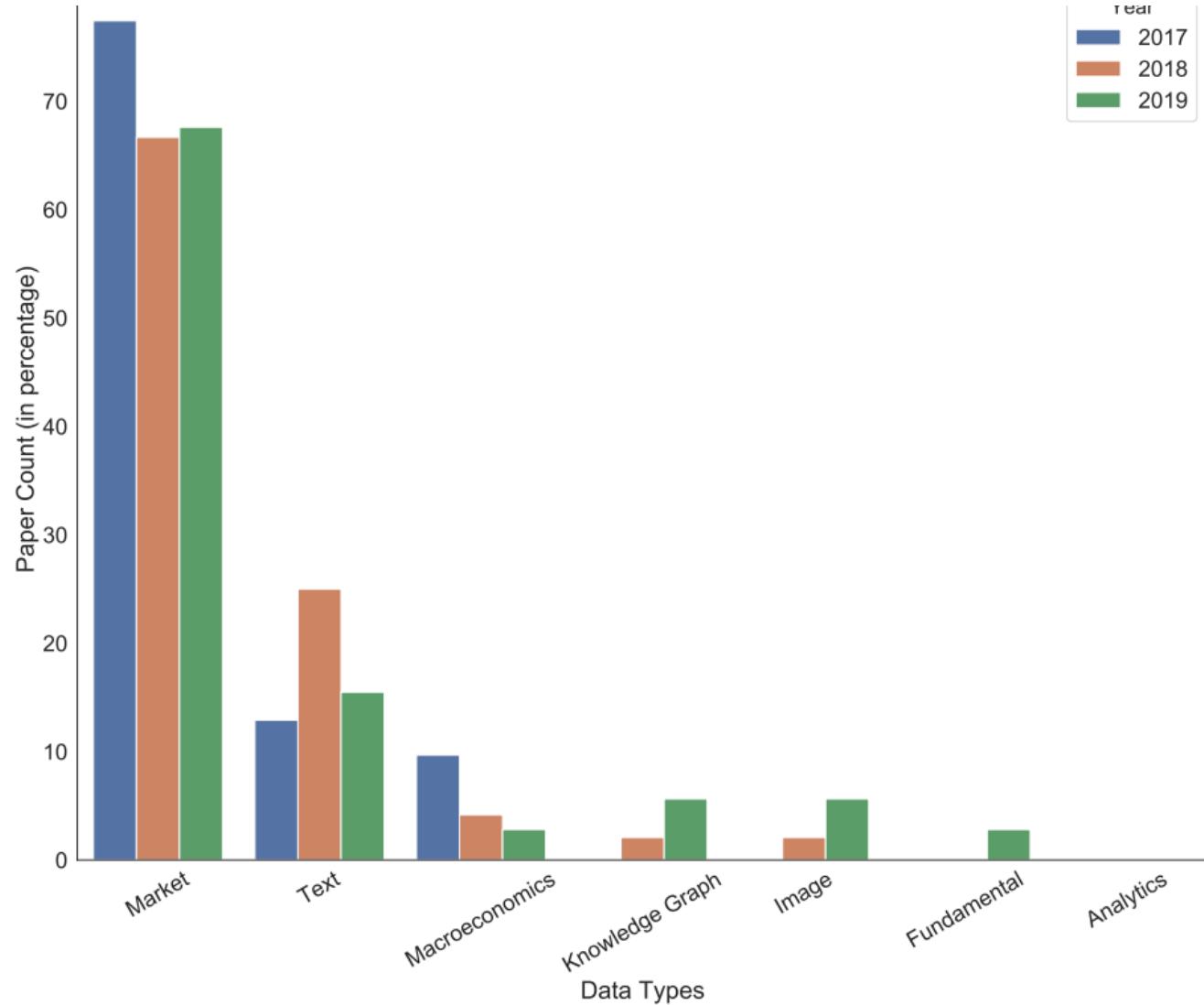
- PREPROCESSING DATA



- EXTRACTING FEATURES  
FROM DATA



- APPLYING MODELS AND  
MAKING MODIFICATION TO  
IMPROVE PERFORMANCE



# Data

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- Market Data
- Text Data
- Macroeconomics
- Knowledge
- Image
- Fundamentals
- Analytics

# Algorithms

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- Feedforward  
Neural  
Networks

- Convolutional  
Neural  
Networks

- Recurrent  
Neural  
Networks

- Other models

# Summary

- Performance
- Future improvements
- Summary of all the works that have been completed over the last 3 years