# This is a LSU Latex Beamer Template EXST 7160

Louisiana State University

July 25, 2021



# Content

Committee Members:

Topic 1

Topic 2

Topic 3



## Contents

- 1 Introduction
- 2 Literature Review
- 3 Research Questions
- 4 Study Area and Data
- 5 Methodology





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  - Importance of the Research
- 2 Literature Review
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Introduction

# Problem Statement



Introduction

# Problem Statement







Problem Statement

Introduction

# Problem Statement



Introduction

# Importance of the Research



Importance of the Research

Introduction

# Importance of the Research







Importance of the Research

Introduction

# Importance of the Research



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- 2 Literature Review
  - Prior Work
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- 5 Methodology





Prior Work

# Prior Work

■ MapReduce[dean2008mapreduce]



Prior Work

# Prior Work

- MapReduce[dean2008mapreduce]
- AlphaGo[silver2016mastering]



Prior Work

# Prior Work

- MapReduce[dean2008mapreduce]
- AlphaGo[silver2016mastering]



# Limitation

Limitation



# Limitation







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# Research Questions



# Research Questions

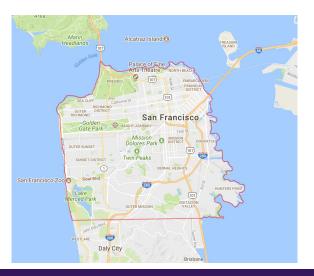


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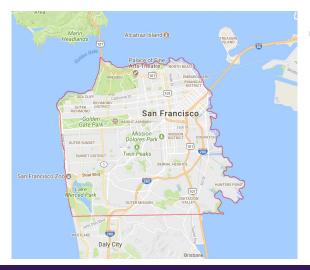








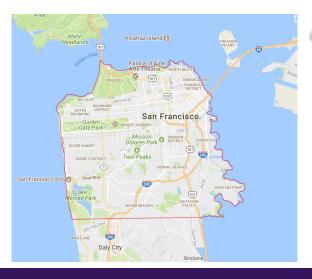










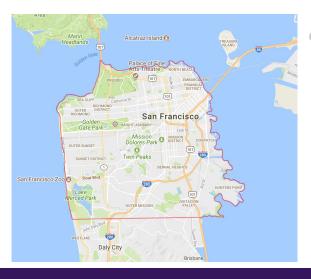




Population: 864,816 (2015)









Population: 864,816 (2015)

■ Land Area: 46 mi<sup>2</sup>









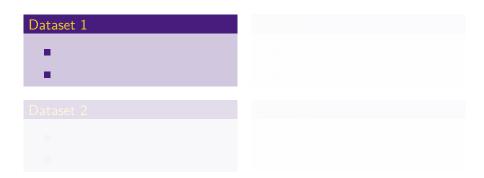
Dataset 1		







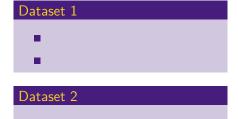
#### Data





Dataset 1		
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Dataset 2		





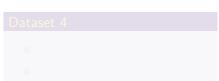


















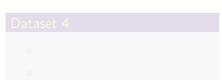






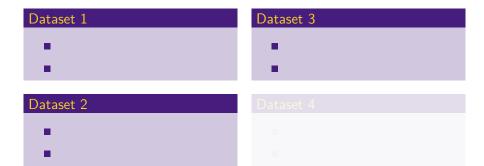




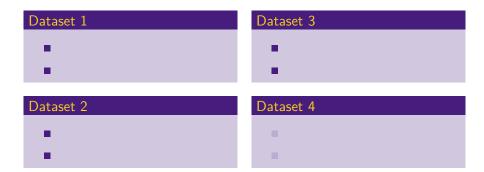




Data



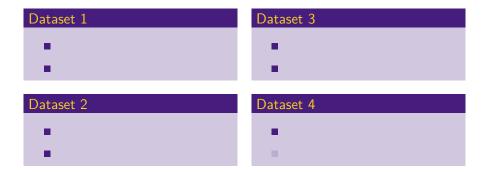






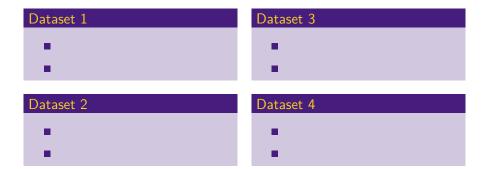
Data

#### **Datasets**





### **Datasets**





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- 4 Study Area and Data
- 5 Methodology
  - Design of Framework
  - Trainging
  - Validation





## Design of Framework



# Design of Framework







# Design of Framework









### **Training**



Trainging

### **Training**







Trainging

### **Training**

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Validation

### Validation



### **Validation**







### **Validation**



### References



# Thanks!

