

HAPPY RETIREMENT

CAPP30122 Project
Final Presentation

Group Name: TRG

TRG Group

Data

Social Demographic

ACS

- H.H. income
- Housing / Rent value
- Age distribution
- ⋮

Census

- Education
- Racial Composition

Crime

- crime rate

Other

Transportation

- Nearest Airport
- Distance to Airport

Environment

Air Quality Index

- Air Quality Categorization
- Air Quality time series

Weather

- Avg / Max / Min Temperature
- Precipitation
- Snow fall

Raw data collection

- API
- Web-Scrapping
- Automated download
- Manual download

Data Merging

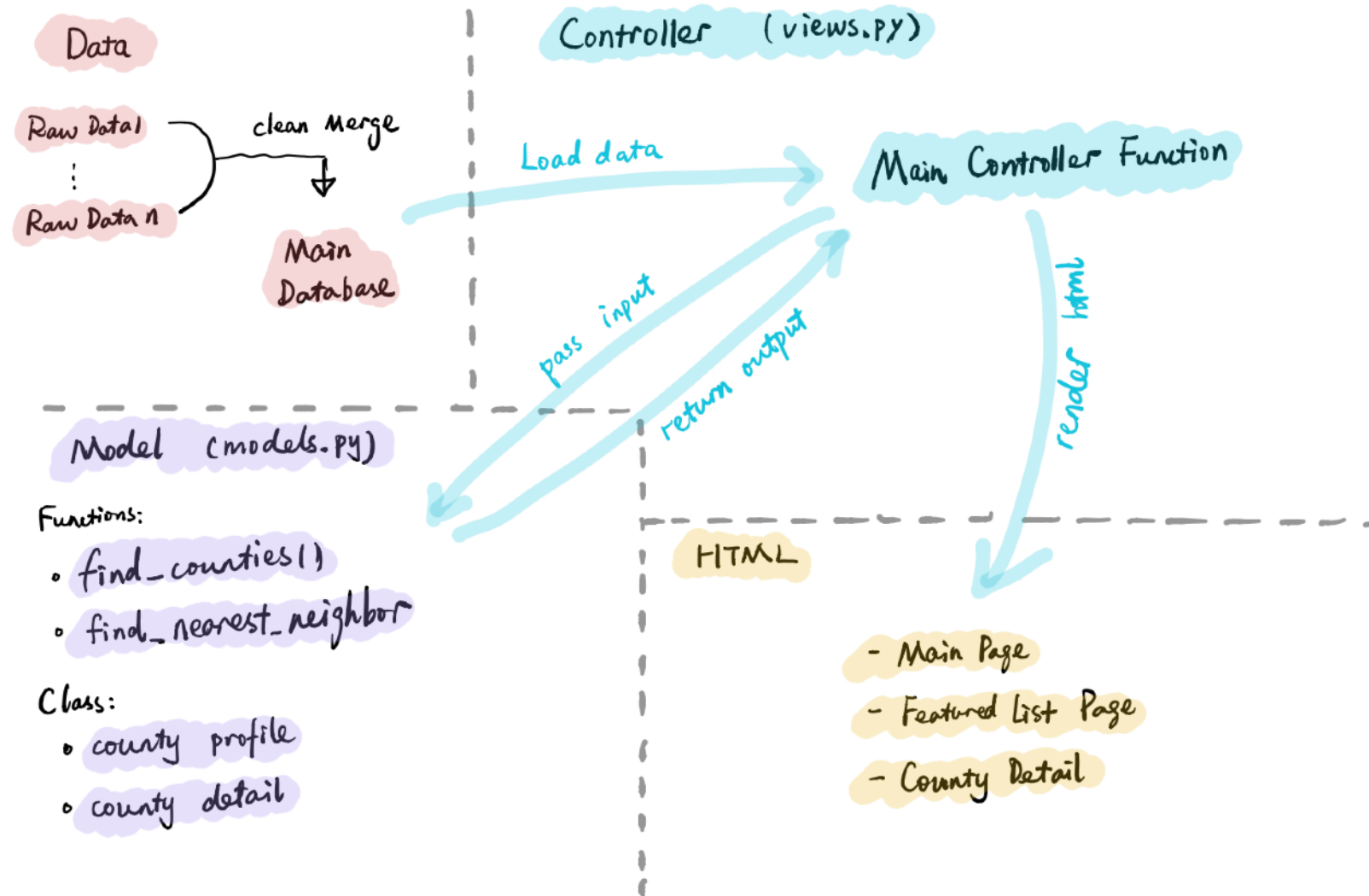
- State / County FIPS code
- Longitude / Latitude

Kd-Tree N.N. ($O(\log n)$)

Data Introduction

TRG Group

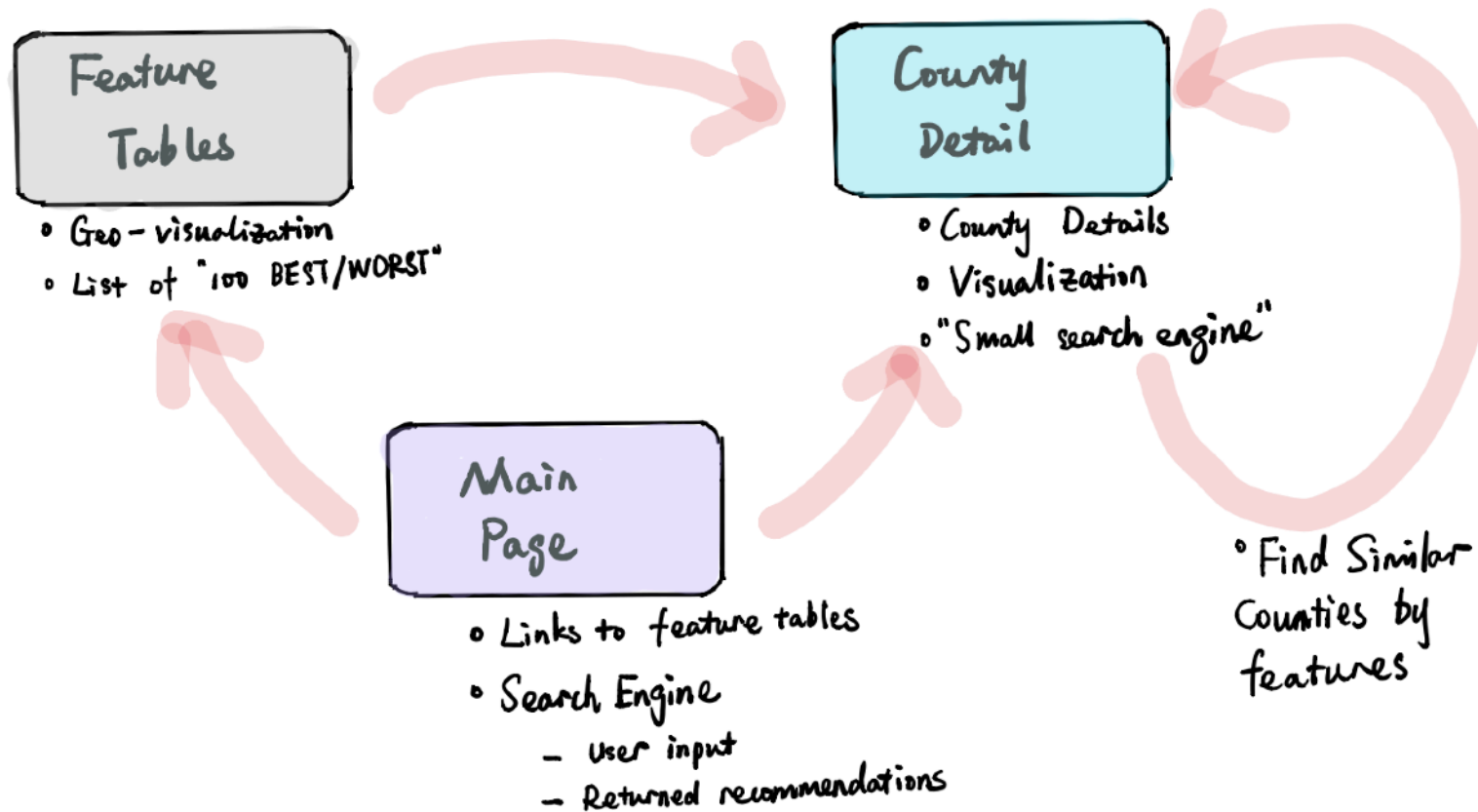
Backend - structure



Backend Structure

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Interface Structure



Interface Structure

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Functional Demonstration

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Question ?

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Thank you !