

# e-atlas

## Developing a Turing GeoVisualization Engine

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## e-atlas

# Developing a Turing GeoVisualization Engine

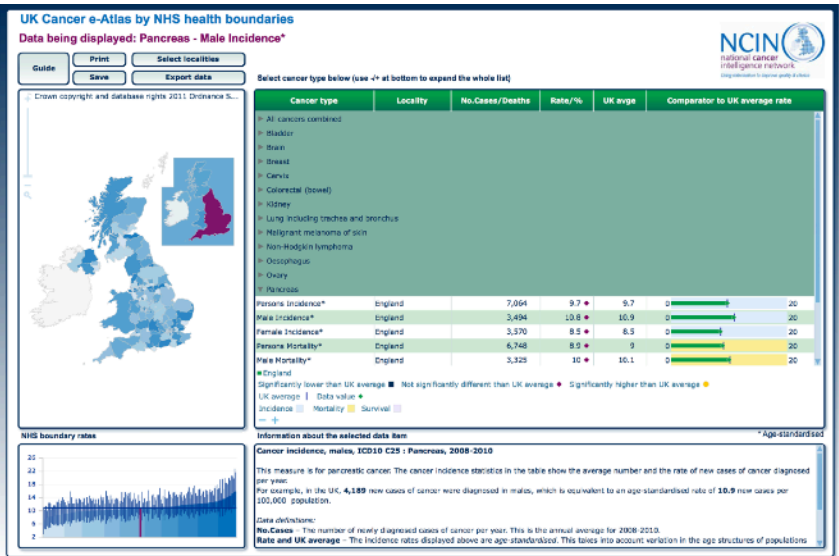
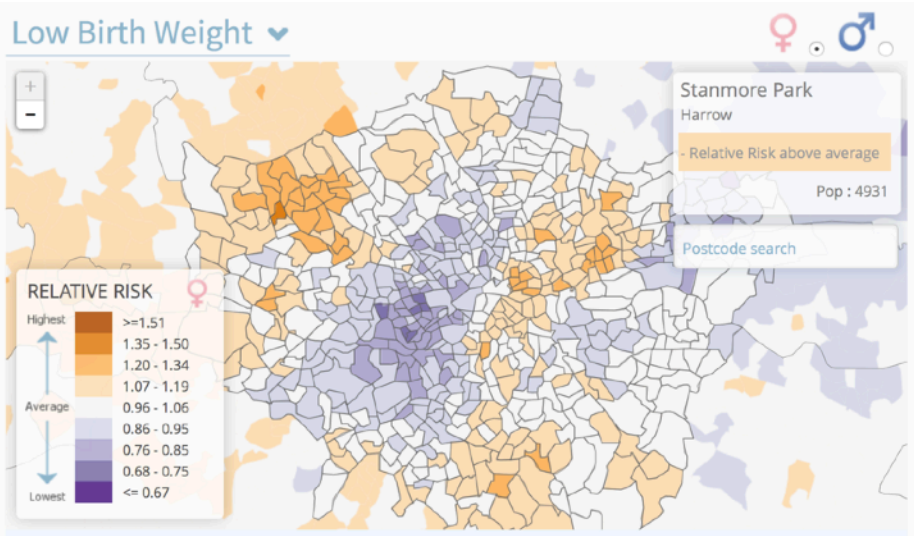
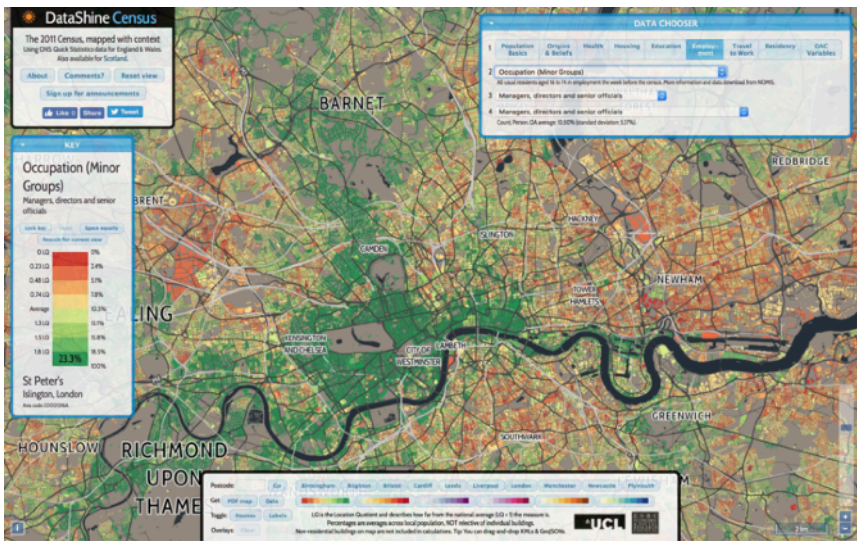
Start : May 2019

Title : Turing e-Atlas / Geovisualization Engine

Sponsor : ~~Strategic Priorities Fund~~ ASG

Outcome : *A web-based visual analysis tool for flexibly loading and exploring geo-spatial referenced data*

# what is an e-atlas?



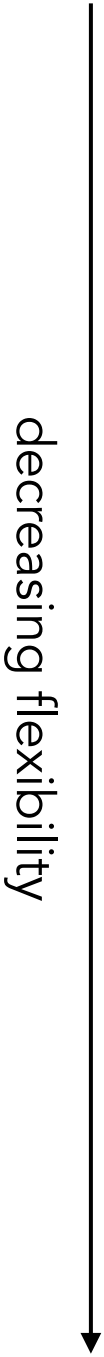
what is an e-atlas?



Slingsby et al. 2014

Designing an exploratory visual interface to the results of citizen surveys  
*International Journal of Geographical Information Science*, 28:10, 2090-2125

what is an e-atlas?



# what is an e-atlas?

user-configured chart generation and composition

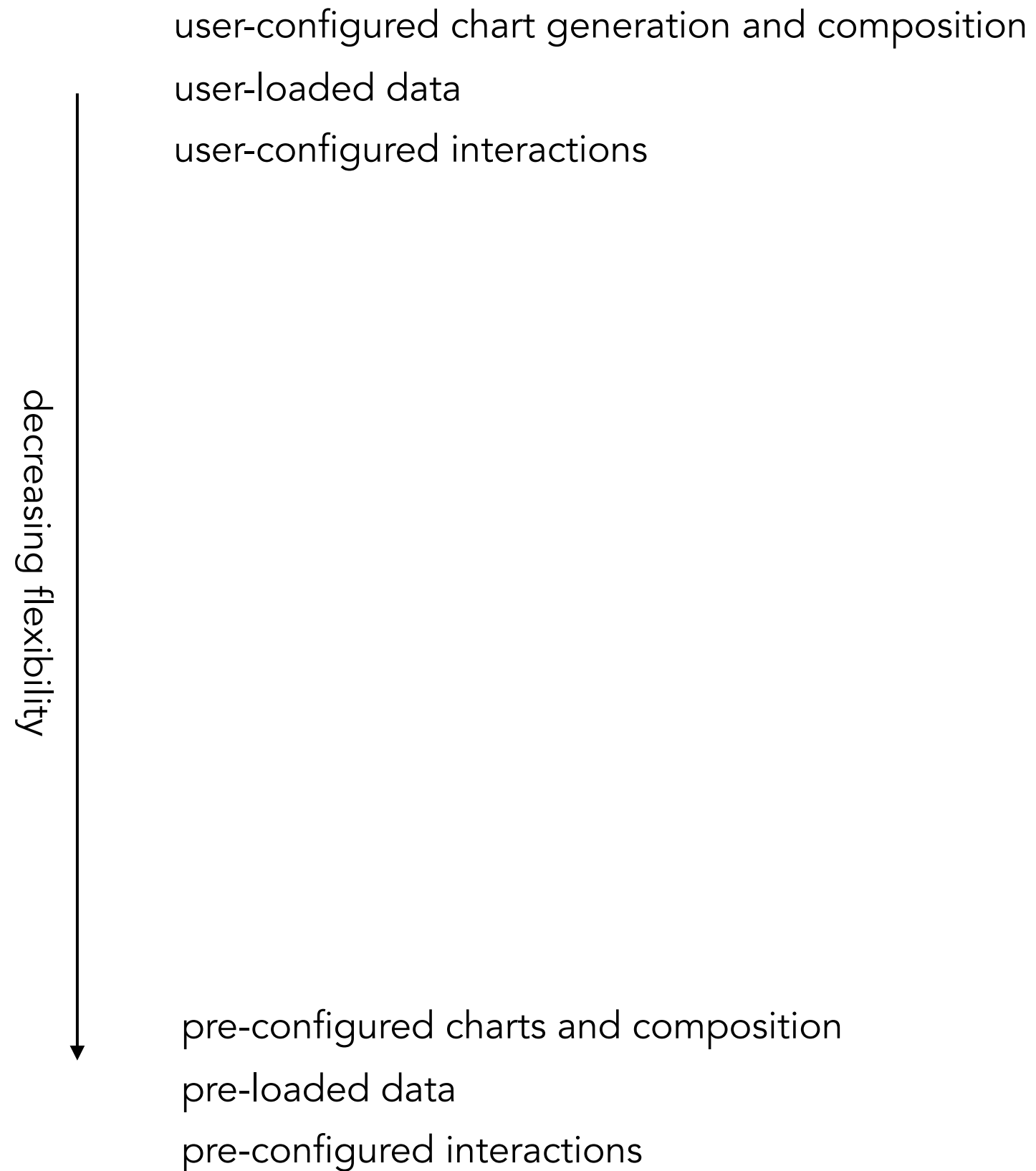
user-loaded data

user-configured interactions

decreasing flexibility



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decreasing flexibility

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**Flourish** 

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**Flourish** 

The  
Alan Turing  
Institute  
**e-atlas**

pre-configured charts and composition

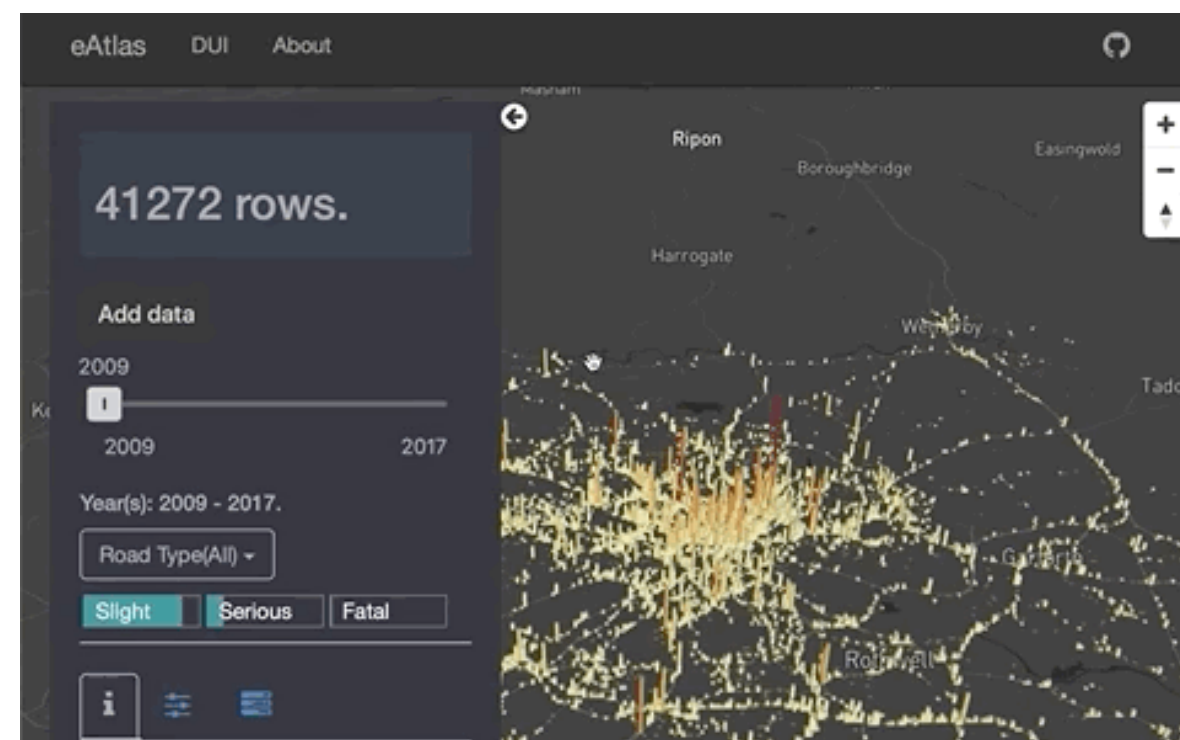
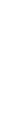
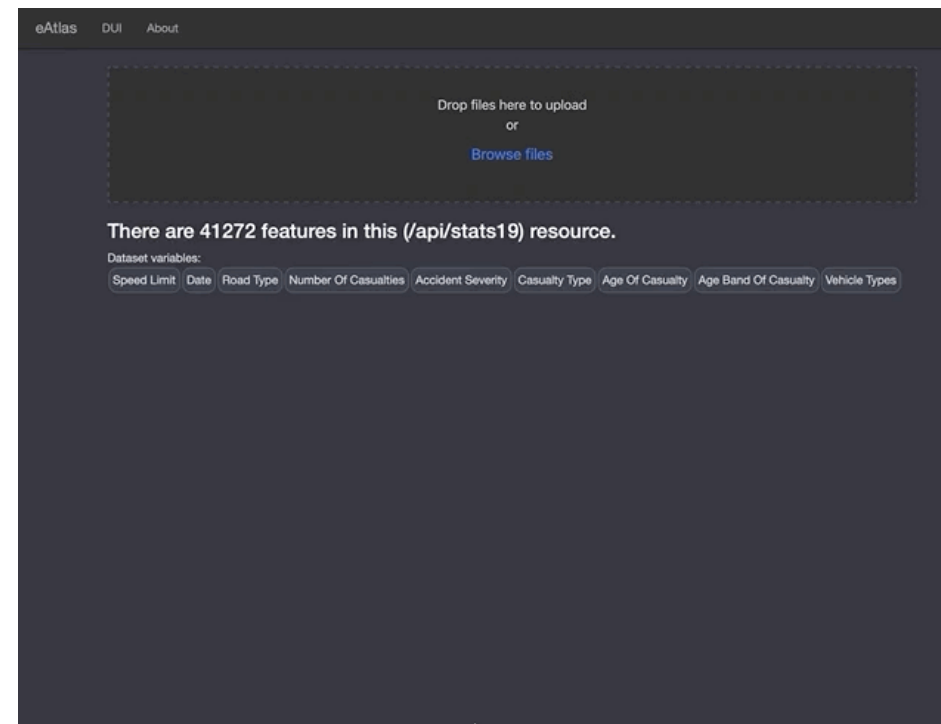
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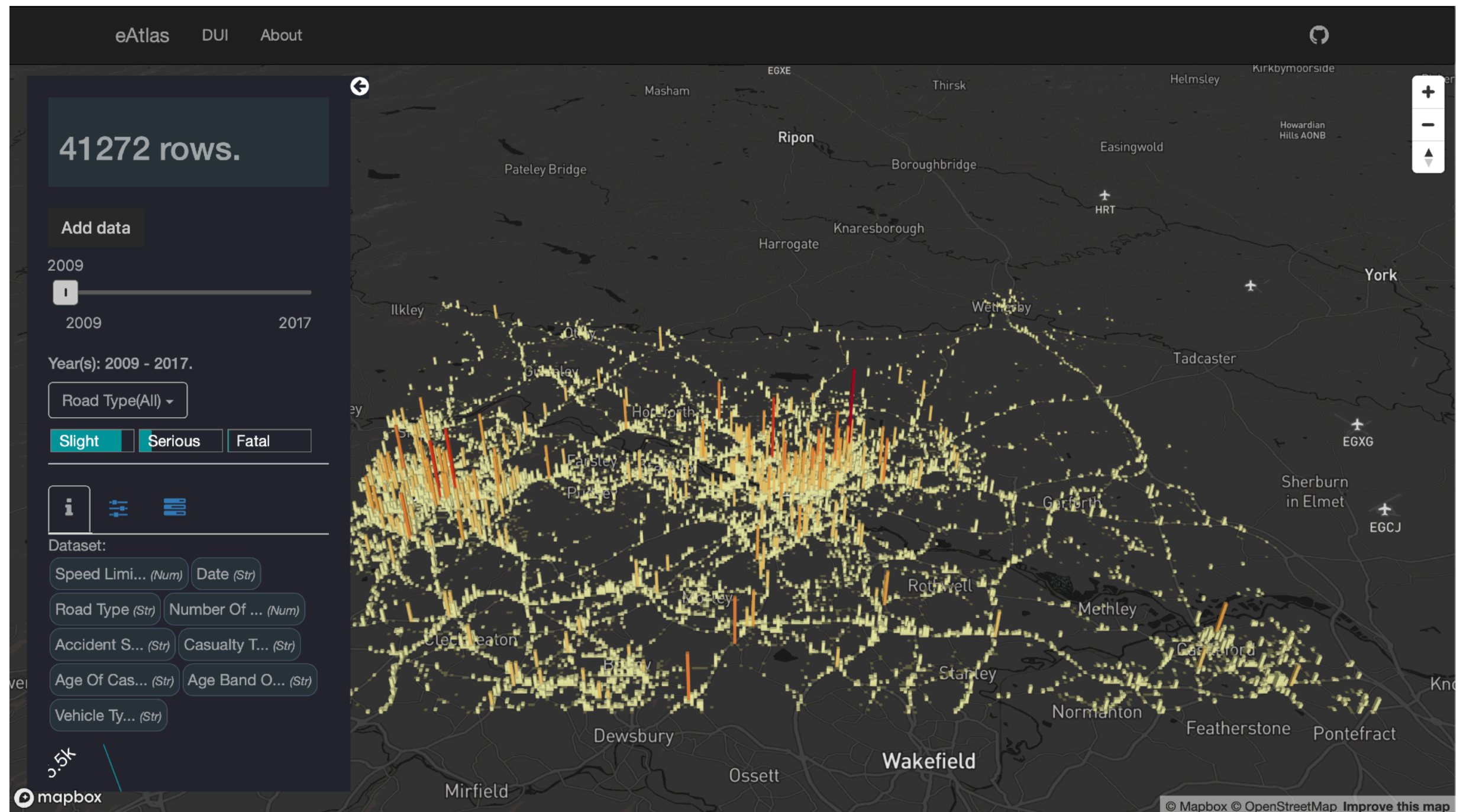


decreasing flexibility

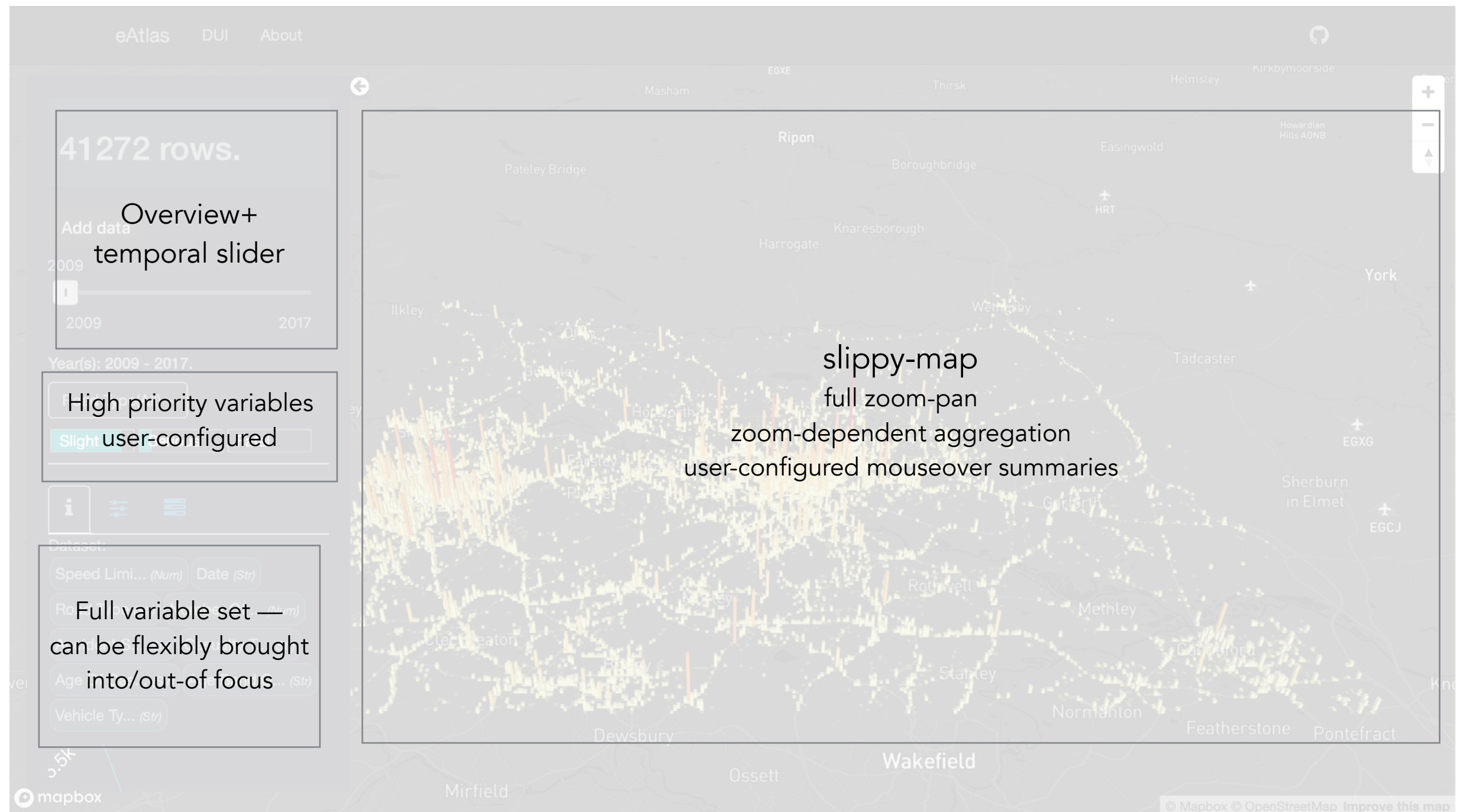
prototype 0

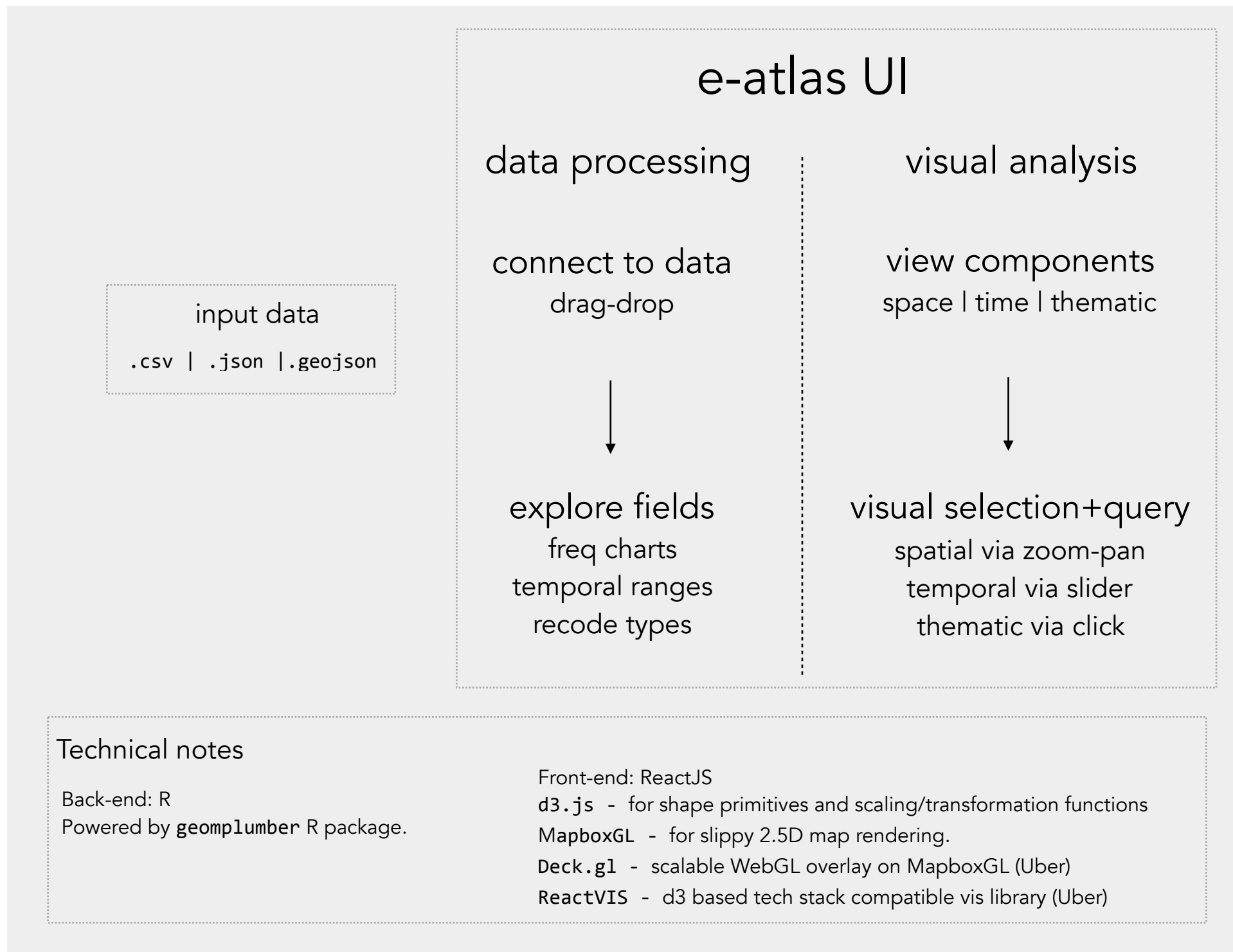


github repo (run in docker container) : <https://github.com/layik/eAtlas>









1. Identify domains, datasets and analysis requirements
2. Develop and refine Turing e-atlas tool
3. Document visual data analysis process with code examples



**OBSERVABLE**

