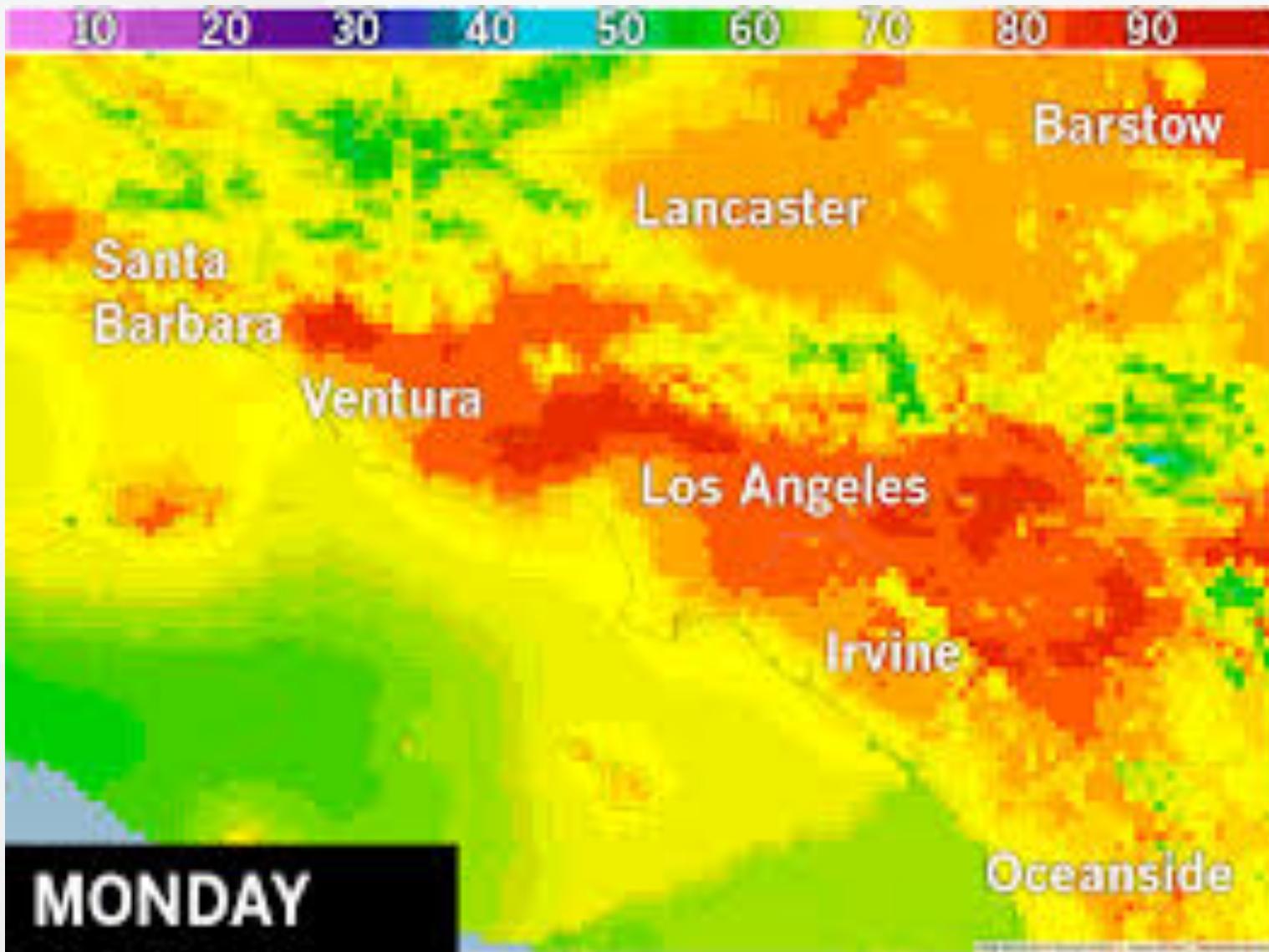


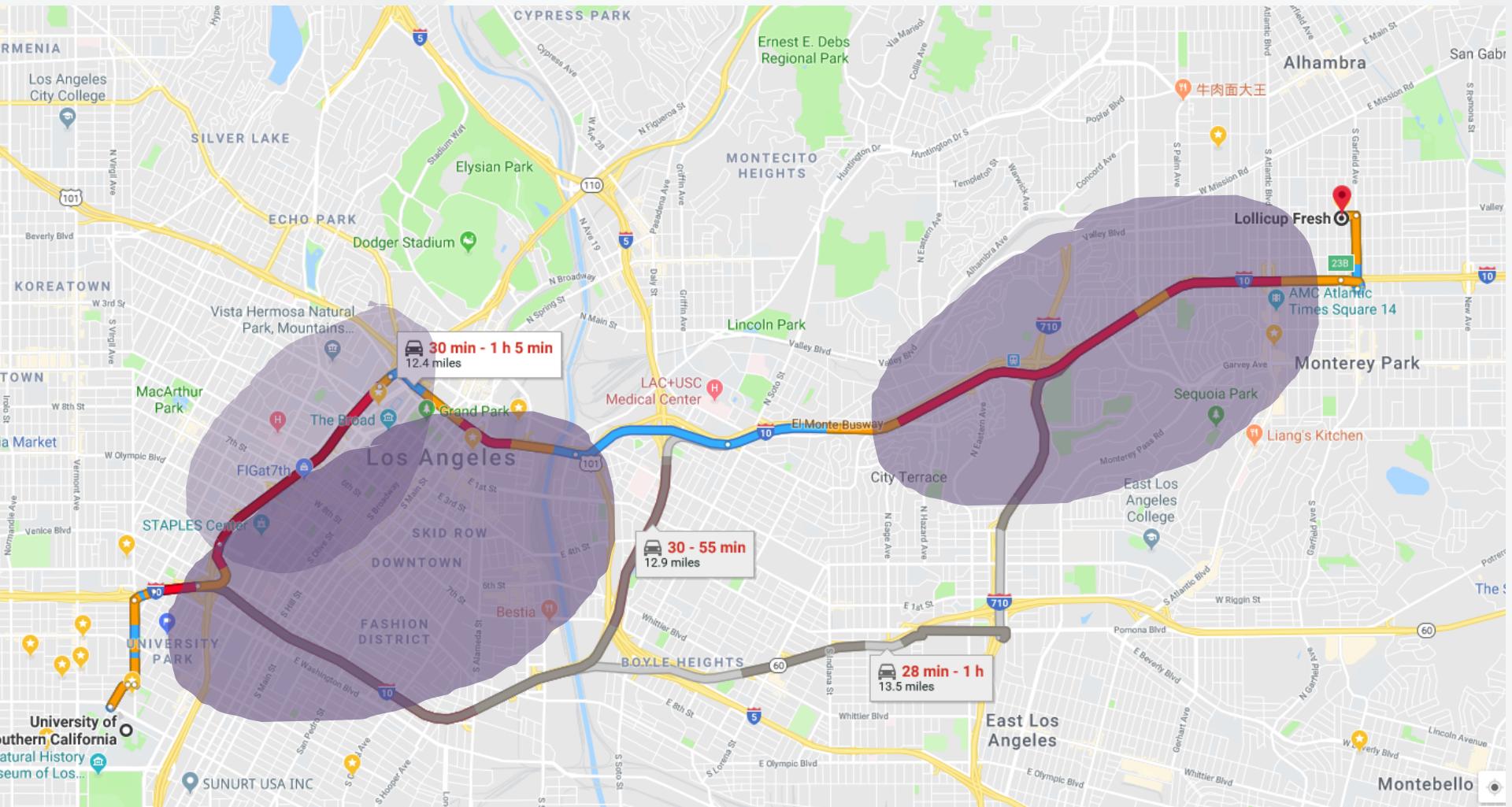
Statistics Visualization of Traffic Data in LA

Lu Zhang
Ruolei Xia
Wei-chung Wang

Our Story



Value

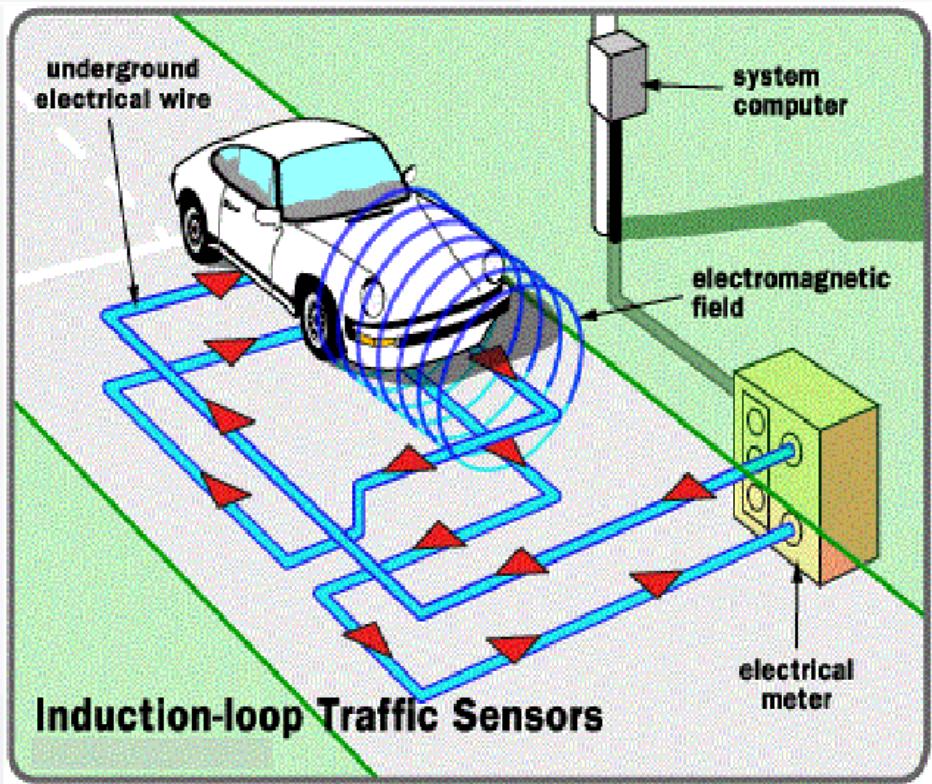


Audience



makeameme.org

Data Source



Interactive

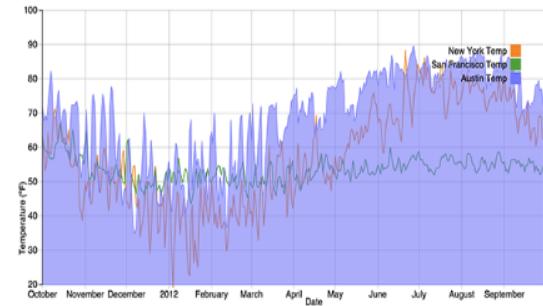
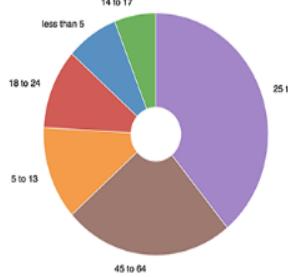
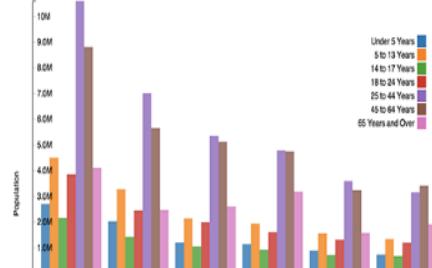
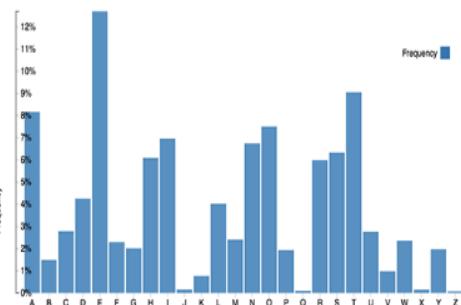
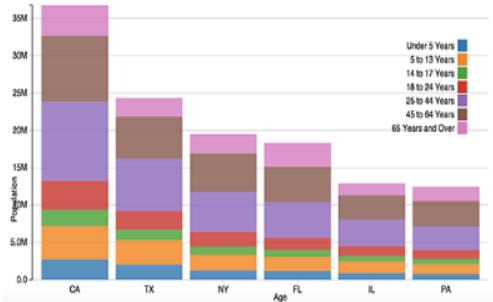
Dataum

Month Day Hour

time line bar

Basic Charts

Heat Map

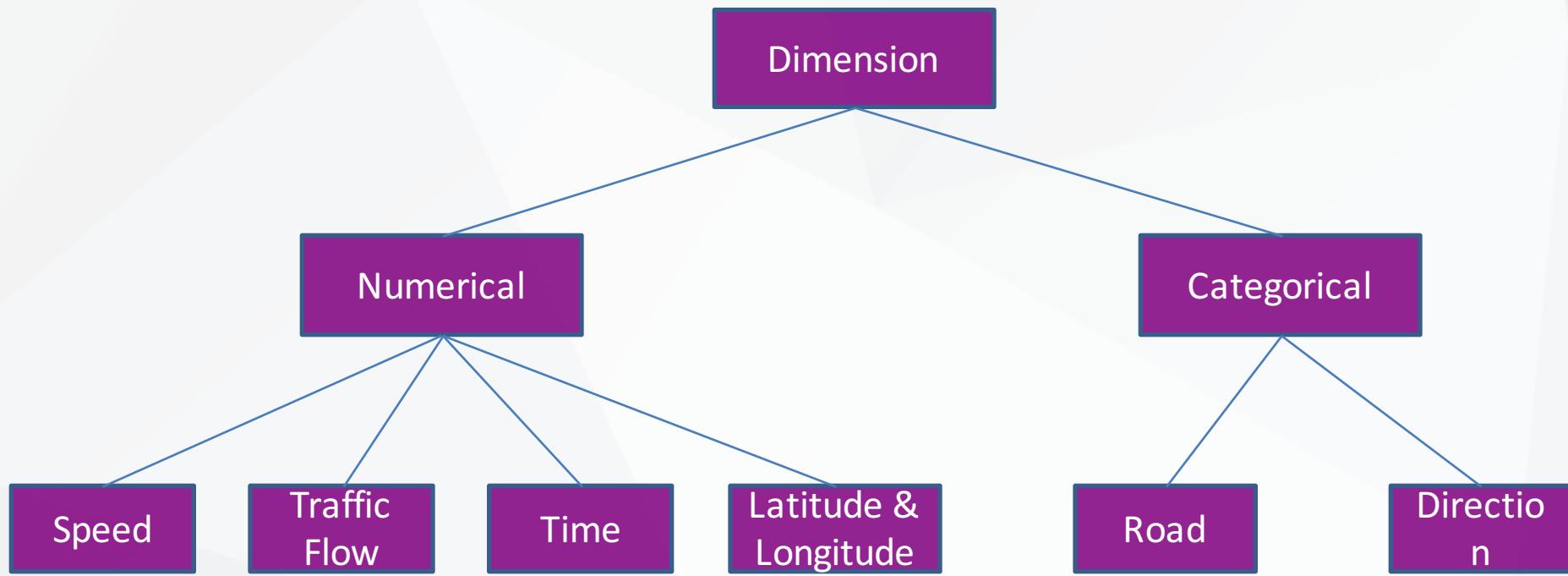


zoom!
shift!
TimeLine!





Design Consideration



Information Map

Story
dynamic
Charts
Structure

Interactive

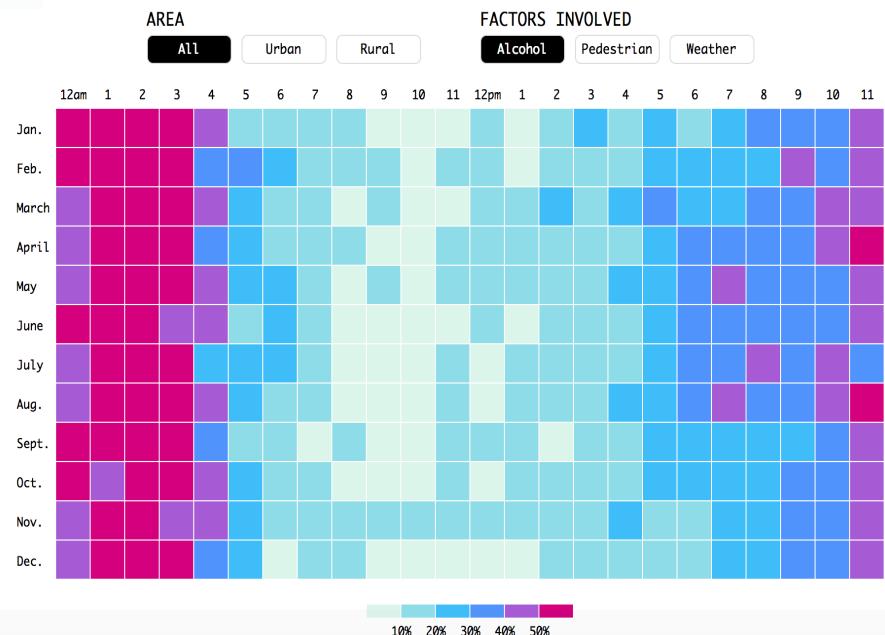
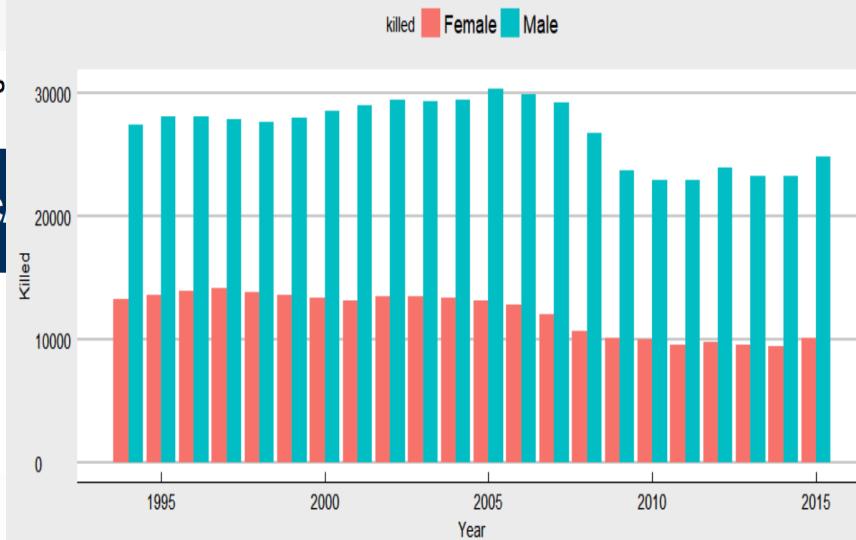
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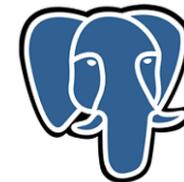
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Number of Persons Killed in Traffic Accidents by Gender 1994 - 2015





Tool Package

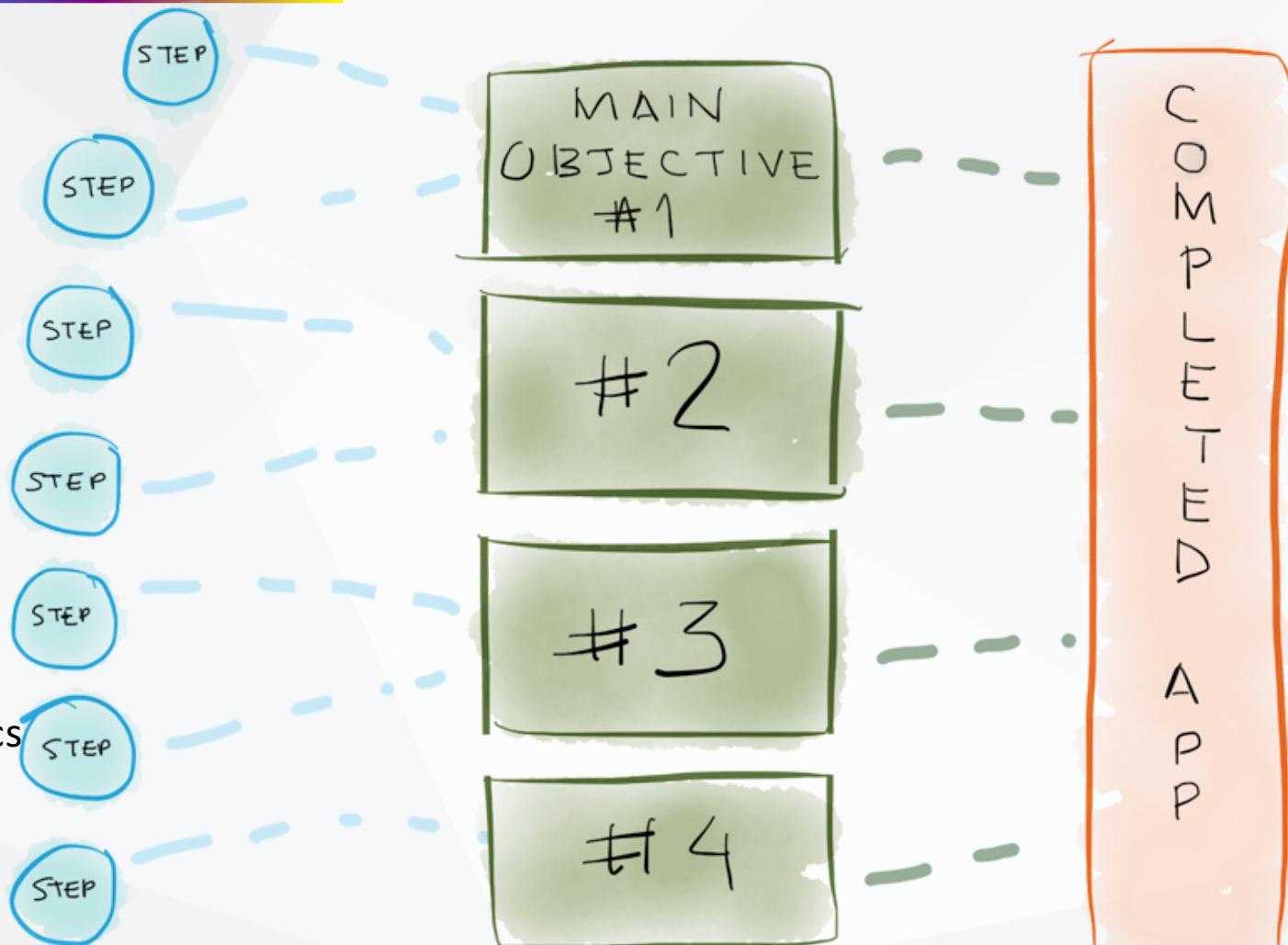


PostgreSQL



Plan

- Framework
- Design UI
- Basic Charts
- More complicated
- Combine all charts
- Extra Statistics and Analysis





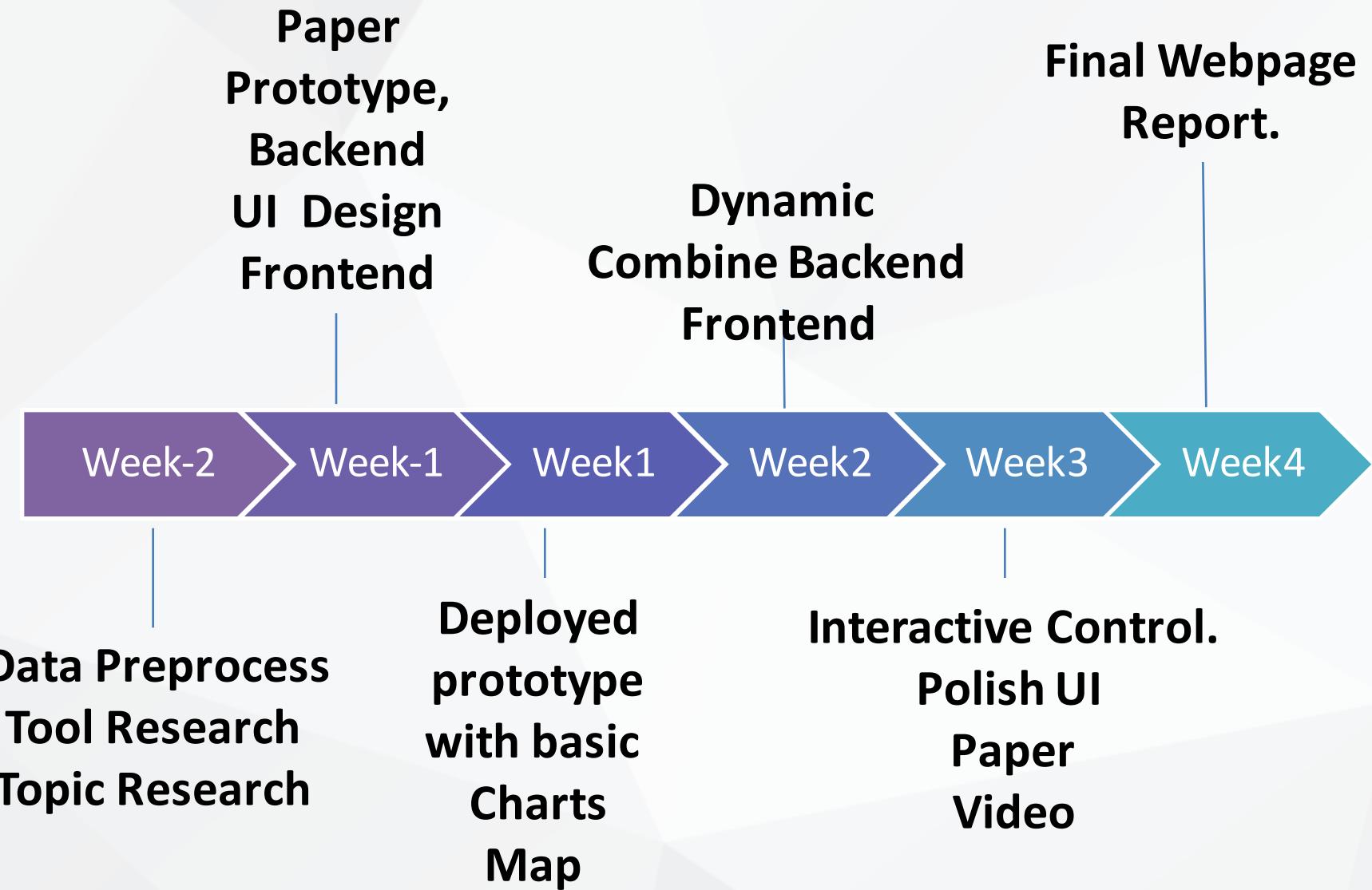
Plan



- **Evaluate:**
 - Visualization wheel
 - Interactive
 - UI
 - From the Audience Aspect
- **Risks:**
 - Loading map is slow
 - Zoom in/out



Time Line





Team Work



- Schedule
 - Available Data
 - Contribution of the whole team
- Wang: Prepare the data, and know about the data very well
- Lu: Write the JS, UI
- Ruolei: Html and JS