

Mexico City Natural Disasters Dashboard

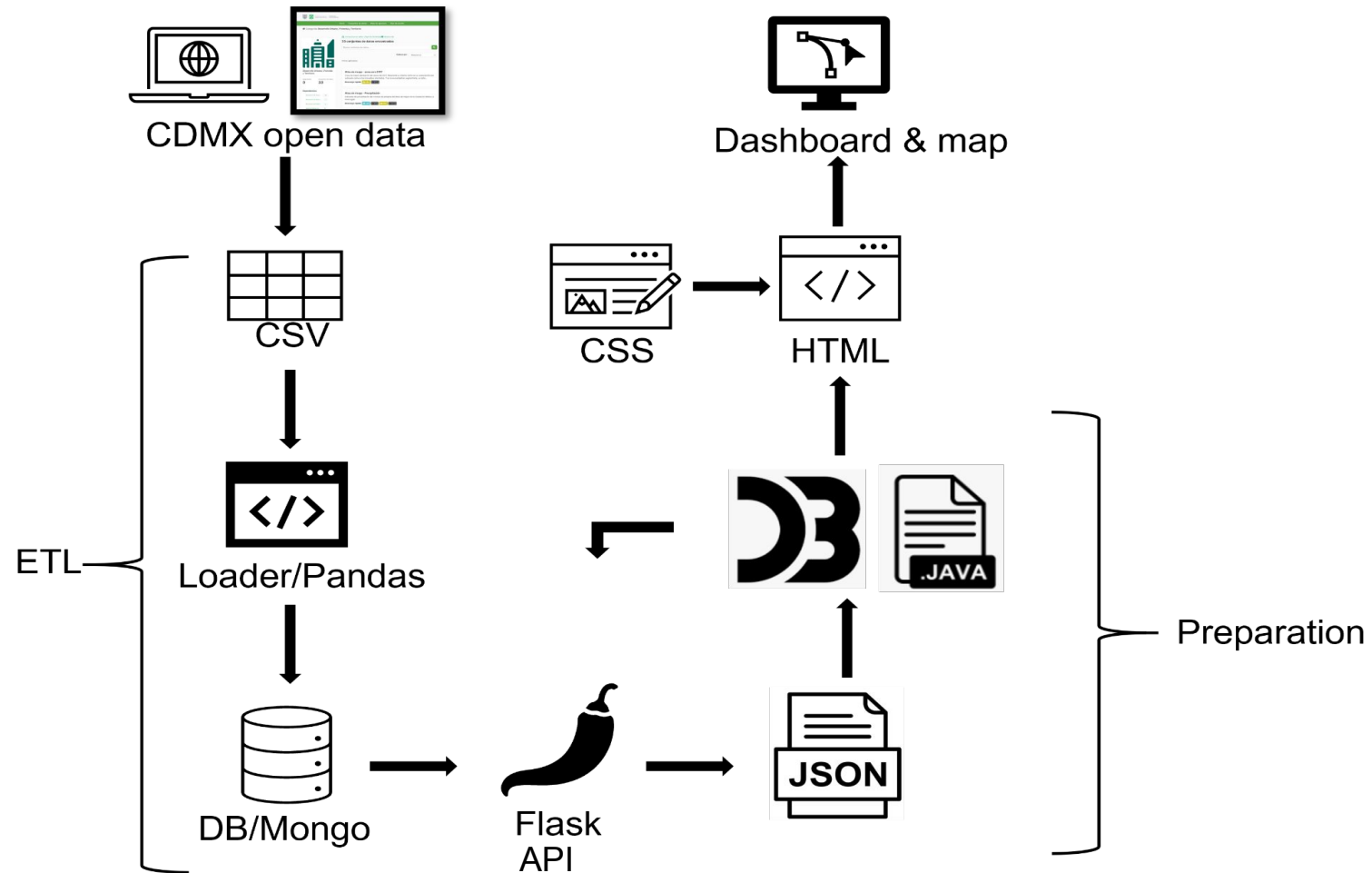
Carlos Ivan Hernandez
Daniel Romero Sol
Martin Singla
Roberto Sepulveda
Viviana Aragón



Project Background

- In the context of global warming and environmental decay, **urban resilience to natural disasters** has become a key issue in city governments' agendas across the globe.
- **Mexico City** has historically been particularly vulnerable to natural disasters, due to its complex location within a valley in a highly active volcanic area, and unsustainable sprawl growth pattern.
- Over the past century, and increasingly over the past decades, Mexico City has suffered from **earthquakes, floods and landslides** of catastrophic consequences.
- The city government has developed multiple **datasets analyzing geological and meteorological conditions** in the city, which we use to develop an interactive dashboard.

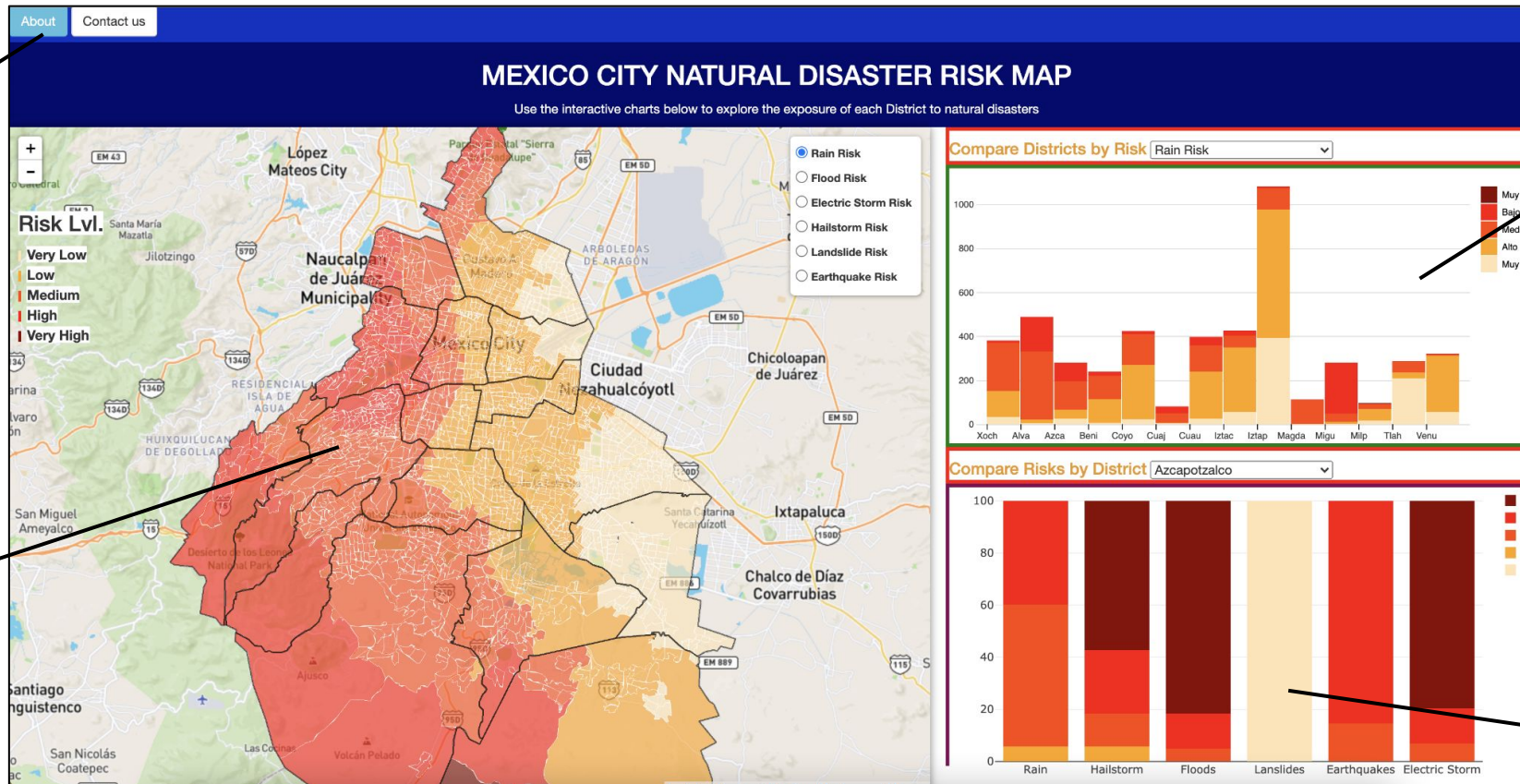
Project Structure



Interactive Visualization Tool

About Us & About the Project

Plot Multiple Natural Disaster Risk Variables over the city map (variables displayed at a census tract level)



Compare Any Natural disaster risk across districts

Compare any district exposure to different natural disaster risks

