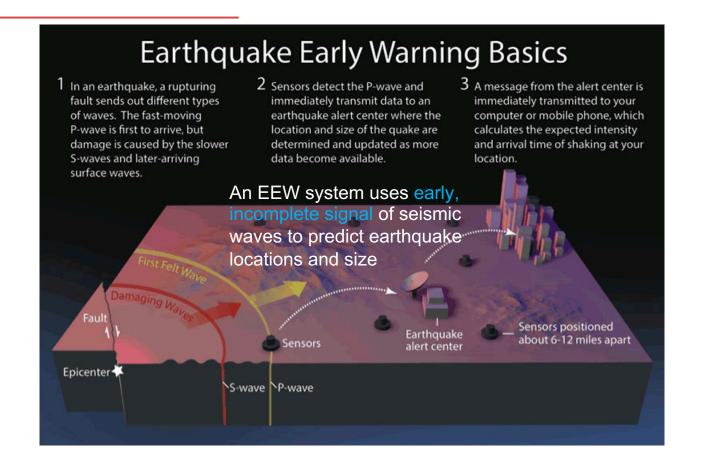
A Graph Neural Network (GNN) based Interactive Application for Earthquake Early Warning

Lindsay Y. Chuang(EAS), Meghana Jain(COC),

George Jeno(COC), Hsin-Yi Lin(ISYE),

Preston T. Lee(COC), Paarth J. Parekh(BIOL)

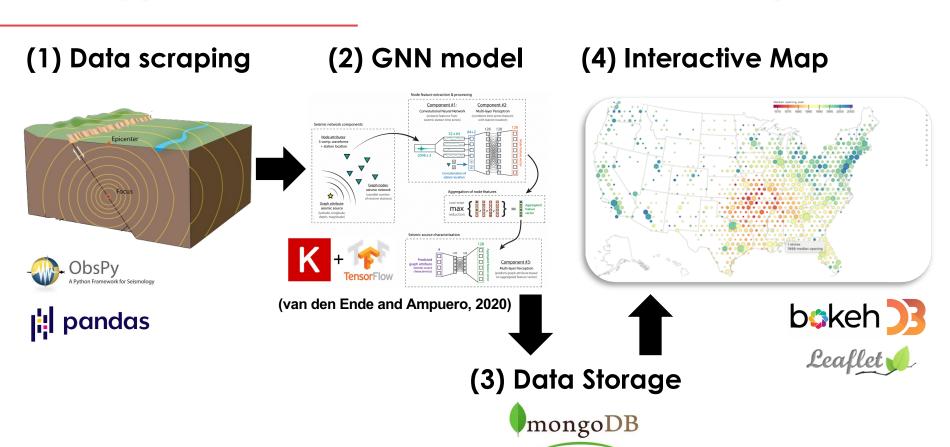
Earthquake Early Warning (EEW) Systems



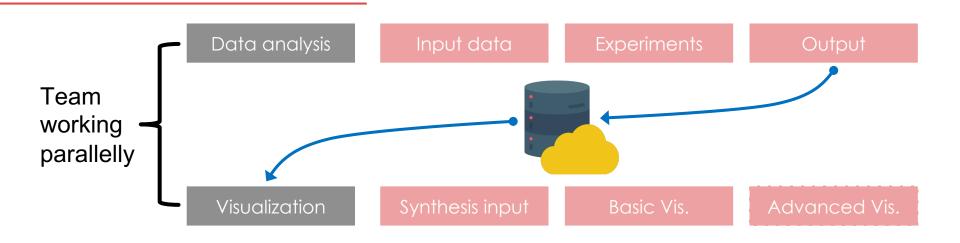
EEW systems widely used in high-risk areas And they save lives!



Our approach toward an interactive GNN EEW system



How long will it take? 4-5 weeks, practically no costs





- 1. Successfully building the application as planed
- 2. Prove GNN useful for Earthquake early warning system
- The interactive visualization easy to use and showcase the insights of data