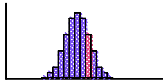## Hazard Quantification

– Extract data from simulations
– Merge input and output
– Calculate additional hazard metrics

E.g.:
Max. subsidence induced seismicity

Data Analysis

– Visualise distribution
– Identify data types
– Calculate correlations
– Transform data

Surrogate Development

– Tune hyperparameters
– Compare prediction metrics
– Feature engineering

Dashboard Application

– Generate user input widgets
– Quantify hazard probabilities
– Visualise distributions