

Data Scientist - Risk Modeling homework assignment

Using the provided historical data set, build a model predicting damage to buildings from future wildfires. The provided CSV is based on information extracted from CAL FIRE Structure Status reports, with a few additional fields. The Structure Status reports are typically shape files, containing information from field damage inspections conducted to assess destruction from wildfires. Feel free to make any reasonable assumptions about the features you use or discard, but be sure to document them. Please provide your process, results, and comments in a Jupyter notebook.

What we are looking for in the deliverable:

- Commentary of your process (thoughtfulness is weighed more heavily than model validation metrics)
- Exploration of the data set
- Training of a model predicting structural damage
- Model evaluation
- Potential shortcomings of the data set, the model built, and what you'd like to consider next