Building and deploying a model in Oasis - hands-on workshop
4 July 2018

This workshop will guide participants through the process of building and testing a simple model in Oasis format, then deploying it into the Oasis platform. It is required that the participants already have a working knowledge of catastrophe modelling concepts, good data manipulation skills and some basic programming skills.

Content

Technology basics - Oasis architecture, GitHub, Docker, Unix, Python
Footprint and vulnerability file formats
Mapping exposure data to the model
Testing a model using Oasis MDK command line tools
Oasis financial model
Packaging and deploying a model to the Oasis Model Library
Running a model in the Oasis Platform

Requirements

Laptop running Linux or Windows with Docker
Working knowledge of catastrophe modelling concepts
Basic usage of Unix command line
Basic programming skills - Python or R