

MATLAB for Insurance – Hands-On Workshop

- Location:** Zurich
- Venue:** KV Business School, Sihlpostgasse 2, Zurich
- Date:** Tuesday, 25 June 2019
- Time:** 08:30 – 12:30 followed by a Networking Brown Bag Lunch

Overview

During this workshop, you will have the opportunity to do hands-on exercises by using the MATLAB® environment yourself.

MATLAB provides a unique reliable high performance and easy to use environment to read, analyze and visualize data, as well as to develop any financial, statistical or mathematical model and take it into production in a straight away and scalable manner. Come and see how MATLAB is being used in the insurance industry and experience how to easily solve some of your daily tasks in this hands-on workshop.

Requirements

- No previous MATLAB knowledge required or suggested.
- Please note that it is necessary that you bring your own laptop to this session.
- A free trial version of all necessary products will be provided one week prior to the event. You need to install and activate those on your own laptop before the event.

Highlights

- Getting started with MATLAB
- Analyze and visualize financial data
- Share your work with others

Agenda	
Time	Title
08:30	Registration & Welcome Coffee
09:00	MATLAB in the insurance industry
09:30	<ul style="list-style-type: none">- Introduction to MATLAB: Task Automation- Importing, cleaning, managing and visualizing data (from Excel, Databases, text files, web pages, Bloomberg/Reuters)- Interoperability with Excel- Automatic report generation+
10:30	<i>Coffee Break</i>
11:00	<p>Simulated Expected Loss</p> <ul style="list-style-type: none">- Distribution fitting- Hypothesis Testing- Loss Data Simulation
11:45	Pricing an insurance contract with Portfolio replication
12:15	Wrap Up
12:30	Close