# Whiteboard Hacking (AKA Hands-On Threat Modelling) Training

Duration: **2 Day**

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Threat modeling is the primary security analysis task performed during the software design stage. Threat modeling is a structured activity for identifying and evaluating application threats and vulnerabilities. The security objectives, threats, and attacks modeling activities during the threat modeling are designed to help you find vulnerabilities in your application and the supporting architecture. You can use the identified vulnerabilities to help shape your design and direct and scope your security testing.

Threat modeling allows you to consider, document, and discuss the security implications of designs in the context of their planned operational environment and in a structured fashion. It also allows consideration of security issues at the component or application level. The threat modeling course will teach you to perform threat modeling through a series of workshops, where our trainer will guide you through the different stages of a practical threat model.

## Prerequisites

None.

### Target Audience

This course is aimed at software developers, architects, system managers or security professionals. Before attending this course, students should be familiar with basic knowledge of web and mobile Applications, databases & Single sign on (SSO) principles.

## What You Will Learn

- The why, what, how, and when of threat modelling
- How to create and update a threat model
- How to create an actionable threat model with your stakeholders
- How to organise and prepare efficient threat modelling workshops
- How to explain the methodology and need for threat modelling to others
- Diagramming techniques, including Data Flow Diagramming
- Threat identification techniques, including STRIDE and attack trees
- How to carry out technical risk rating using the OWASP risk rating methodology
- How to mitigate security and privacy threats with standard mitigations
- The soft skills that will make you a better threat modeler