

## **Threat Modeling: The Essentials Toolkit (SKF201)**

Learn how to identify, assess, and address threats in system design. Begin with an introduction to threat modeling, the Four-Question Framework, and advanced models like STRIDE, DREAD, and PASTA. You'll also map security requirements using the Requirements Traceability Matrix (RTM) and explore AI-driven threat modeling. Case studies and exercises are integrated throughout, with hands-on labs at the end for practical application.

**Duration:** 3 Day

### **Prerequisites for this course**

No prerequisites needed.

### **Outline for this course**

Chapter 1 – Course Introduction

Chapter 2 – Getting Started with Threat Modeling

Chapter 3 – The Four-Question Framework

Chapter 4 – Advanced Threat Modeling Frameworks

Chapter 5 – Threat Modeling Approaches

Chapter 6 – Going Beyond Traditional Methods: Using Artificial Intelligence in Threat Modeling

Chapter 7 – Threat Modeling in Practice: The Elevation of Privilege Card Game