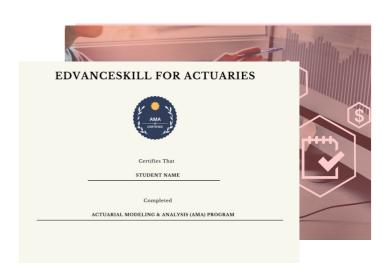


Actuarial Modeling & Analysis (AMA) Certification Program

Actuarial Modeling Pricing & Analysis (AMA) Certification Program focuses on core actuarial skills applied in real world to make you stand extraordinarily. Covers Actuarial Modeling & Analysis from perspective of life insurance products.



Who can pursue?



UNIVERSITY STUDENTS

Opportunity to gain real-world experience & develop valuable skills



FRESHERS / JOB-SEEKER

Credentials from this program gives you edge over peers



PROFESSIONALS

Faster growth through upskilling & career transitions



90% + actuarial job description requires good analysis skills and some form of modeling skill



4+ Years of on-job learning in less than 6 months



40% higher salary offered to Edvanceskill students



On average 5+ Job offers received by our students



5 star reviews and recommendations by senior actuaries & students

Process



Complete the Modules



Our Approach



Gamified Learning



Designed by Experienced Professionals



Focus on Practical Learning



Regular Content Upgradation



Global Actuarial Community



Actuarial Modeling & Analysis (AMA) Certification Program

Course Overview

14 Modules

170+ Hours of Learning & Doing

180 Day Access

Sequential Access to Modules

Software used is MS Excel

Content Type

Recorded Videos

Reading Material

Infographics

Interactive Quizzes

Assignments

Case Studies

Bonus Offerings

1-on-1 Doubt Resolutions

Access to our Micro Courses (Udemy Syle)

Recruiter Network

Assistance in Job Hunt

Bonus Content

Access to Premium Content

1 Year Access to Webinar & Guest Lectures

Community Support

Learning Platform

100% Online; learn at your own pace

Accessible from anywhere

Clean Dashboard

Transcripts of the content to help students whose primary language is not English

Pre-Requisites

Basic understanding of life insurance products & concepts like time value of money, assumptions, reserves & decrements

Basics of using MS Excel

Willingness to put in the required effort

Curriculum

Learning Objectives

- Building well structured Actuarial Models for different life insurance products like Term Insurance,
 Unit Linked. Whole Life & Endowment.
- Perform actuarial analysis on results produced from these model

Part 1: Modeling Skills

(Module 1-7)

These modules will focus on building modeling skills while developing a conventional life insurance product.

- Understanding Different Components of Model
- Process of Modeling
- Model Design / Structure
- Model Decisions, Approximations & Judgement
- Building Inputs : Data & Assumptions
- Monthly Cashflow Projection
- Decrement Modeling
- Calculating Reserves, Profit Signature & Solvency
- Building Metrics & Analysis Tools
- Building Automations
- Extending Model Capabilities
- Exercises, Quizzes & Assignments

Part 3: Linked Modeling

(Module 12-14)

These modules will discuss modeling & pricing in case of linked products.

- Understanding the Product
- Model Structure
- Identification of Required Components
- Building the Model
- Extending The Model Capabilities & Complexity

Part 2: Advanced Modeling Skills

(Module 8-11)

These modules will discuss advanced aspects of modeling with conventional product as reference.

- Model Governance
- Best Practices of Modeling
- Optimization
- Understanding Errors in the Model
- Validation Methods
- Model Development Lifecycle
- User Acceptance Testing
- Developing Analysis & Testing Template
- Different Types of Model Documentation
- Exercises, Quizzes & Assignments

Post-Module Learning

- Bonus Modules
- Assignments
- Quizzes
- Case Studies

Actuarial Modeling & Analysis (AMA) Program

