



UnCodemy

# SOFTWARE TESTING Program



Job Guarantee program

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## ABOUT US

Uncodemy is one among a couple of driving organizations / in Delhi, Noida, NCR, India that give undeniable preparation in Data Science, Machine learning, Python programming, Tableau, - Deep Learning, and Artificial Intelligence. We at the collegetarget producing quality experts who can withstand the developing contest and rising intricacies in the innovative world. We are growing and leading the company of Delhi, Noida, NCR, India.

## THE UNCODEMY

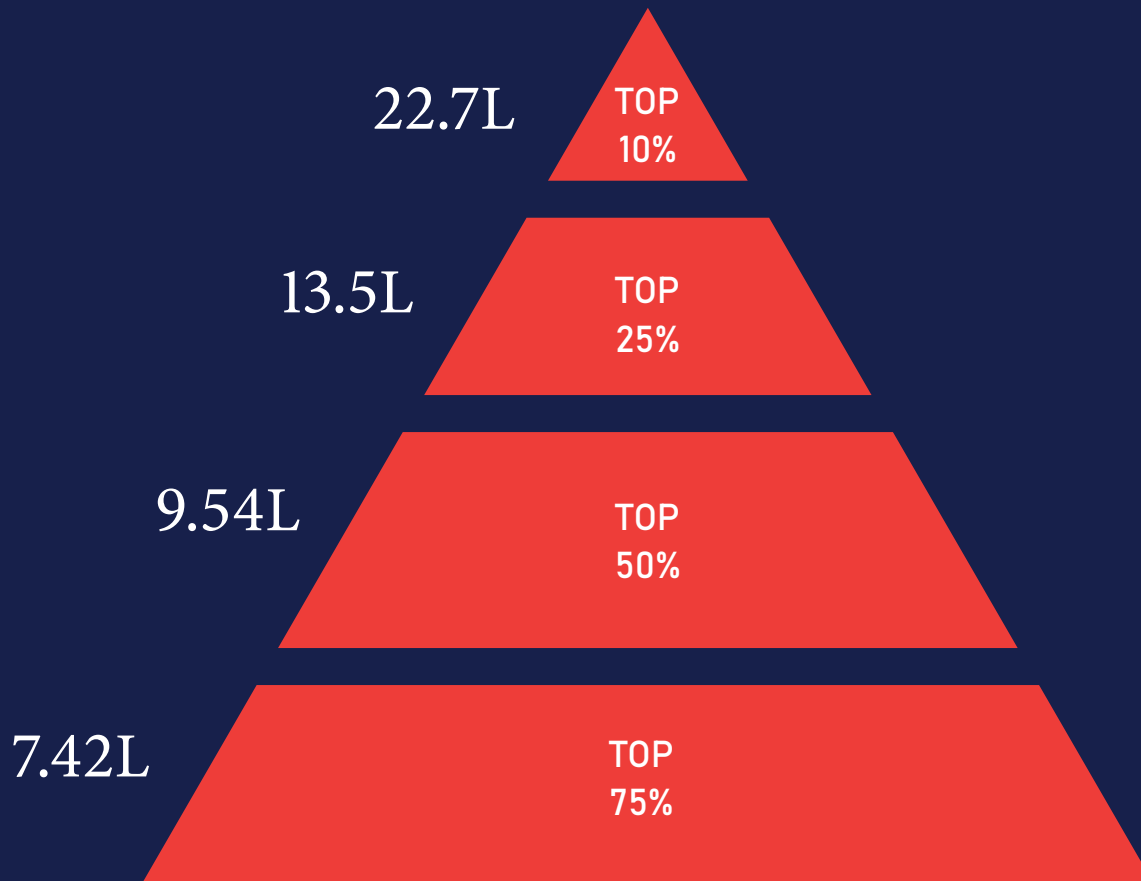
Is an Educational and Professional improvement Organization that has been established to propel the product and IT calling by advancing and perceiving demonstrable skill through training, counselling, gatherings and accreditation. Our Professional Dedicated Team guarantees to give you the best of specialization courses under disciplines like Data Science Machine Learning, Data Mining, Tableau, Text Mining, ReactJS, NodeJS, Angular, Python Programming, Deep Learning, and Java, network protection, programming testing, Cloud Technology, Digital advertising and a lot more with an emphasis on trustworthiness and on the web and Offline learning. We're attempting to transform our enthusiasm for IT Software Training Platform into a thriving position and occupation situated in the preparing stage without any hesitation at work.

**Our aim is simple: We strive to create high-impact, hands-on experiences that prepare learners for meaningful and productive careers.**

**Warm Regards,  
Founder Uncodemy**

# CAREERS IN SOFTWARE TESTING

## SALARY PACKAGE



The results of a software testing job is tracked in a database for engineers to review so they can fix the defect. There are times when the position can seem monotonous, but the focus of your work will constantly change to different aspects of the program, alleviating some of the repetition. You also get an early look at the latest in technology and have a hand in making sure that a program is as defect free as possible. Finally, with software being an area that will always grow, software testers have one of the most secure jobs in the tech industry.

# Why Should You Choose UnCodemy?

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## Top MNCs

UnCodemy partners with top-tier companies to ensure that its students receive instruction from industry experts with hands-on experience in the field of Software Testing.



## No. 1 Institute for the Software Testing Course

UnCodemy in Noida stands out as the premier Software Testing course provider, featuring industry-experienced mentors from major corporations. With a commitment to 100% placements, it offers live project experiences, flexible online & offline training modes, and accelerated certification options catering to working professionals.



## About Courses

UnCodemy follows a structured approach and comprehensive curriculum. Here are some key reasons why learning Software Testing from a training program can be beneficial:

1. Access to experienced instructors who can provide personalized guidance and support.
2. Exposure to industry-relevant tools and technologies.
3. Hands-on experience with real-world datasets and projects.
4. Networking opportunities with other students and professionals in the field.
5. A structured curriculum that covers the key concepts and skills needed to succeed in Software Testing.
6. Access to job placement assistance and career counseling.

## About Industry Expert Trainers



Uncodemy partners with seasoned industry professionals to provide students with first-hand knowledge and real-world applications in the realm of Software Testing. These experienced instructors share their practical insights, equipping students not only with theoretical knowledge but also with the practical skills needed to succeed in the field.

## About Certificate



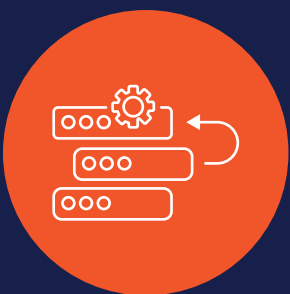
Uncodemy is recognized by top industry bodies such as ISO and NASSCOM and is also endorsed by Skill India, a government initiative aimed at boosting skills development in the country. The certifications provided by Uncodemy are highly valued by employers, as they signify that the candidate has completed a rigorous program and has the necessary skills and knowledge to excel in the field.

## Doubt Session



Uncodemy facilitates doubt sessions where students can receive individualized attention and clarification on challenging concepts. These sessions are led by experienced instructors who provide comprehensive explanations and examples, ensuring that students leave the session with a thorough understanding of the material.

## Grooming Session



Soft skills training to improve communication, networking, and leadership skills. Identifying and highlighting transferable skills that may not be obvious.



## CV building

Helping students build a killer resume. Ensuring that the resume includes relevant keywords to help it stand out in applicant tracking systems. Overall, it's about helping students make their resume shine and stand out from the competition.



## Interview session
















The goal is to prepare students for the job interview process, giving them the chance to practice their communication and interpersonal skills, and helping them feel more confident and prepared for the real thing.



## Mock interview

Uncodemy uses mock interviews in its IT training program as a tool to help students refine their interview skills and prepare for job interviews in the tech industry. The mock interviews are designed to replicate the pressure and format of a real interview, without the actual job at stake.

# Key Features

 <p>Live industry-based projects</p>	 <p>100% placement assistance</p>	 <p>CV building</p>	 <p>Confidence Building</p>
 <p>Online &amp; offline</p>	 <p>weekly &amp; weekend classes</p>	 <p>Interview Session</p>	 <p>Mock Interview Session</p>
 <p>Course Completion certificate</p>	 <p>Recorded Class</p>	 <p>Group Discussion</p>	 <p>Communication Skills</p>
 <p>Interview Session</p>	 <p>6 Monthe internship</p>	 <p>Access to Class &amp; Training Until Placement</p>	

# Top Skills and Tools Covered



# Course Curriculum

## Manual Testing

### Module 1 :

- What is testing
- Testing Concepts
- Importance of testing in IT Companies
- Fault and its types in details
- Verification & Validation
- Quality
- QA and QC
- Testing, Retesting & Regression Testing

### Testing Approaches

1. White Box
  2. Black Box
  3. Grey Box
- Levels of Testing – Unit, Integration, System and User Acceptance Testing
  - Integration Testing Types
  - System Testing Types – Functional and Performance

### Functional Testing Types:

#### Usability Testing

1. GUI Testing
2. Documentation Testing
3. Accessibility Testing

- Installation Testing
- Un installation Testing
- Configuration Testing
- Compatibility Testing
- Database Testing
- Security Testing
- Smoke Testing
- Sanity Testing
- Gorilla and Monkey Testing

### Functional Testing Types

- Load testing
- Stress Testing
- Soak Testing
- Spike Testing

### Module 2 :

#### Software Development life cycle

- Water fall model
- Spiral Model
- Incremental model
- Prototype model
- V- Model
- Agile – Scrum
- CSM Curriculum

# Course Curriculum

## Module 3 :

- Levels of Bug
- Severity & Priority
- Test Case
- Test Case Report along with small projects
- Bug Life Cycle
- Bug Report
- Testing Types
- Types of Testing – 10 special Types of Testing
- Testing Life Cycle(STLC)

## Module 4 : API Testing Basic

- Presentation, Business and Database layers
- What is an API?
- What is API Testing?
- Difference between API testing and Unit testing
- Web services->an introduction
- HTTP Structure
- xml and JSON->an overview
- URI and URL
- Tools for API Testing
- Approach of API Testing
- Challenges of API Testing
- What to test for in API testing
- HTTP methods
- Status codes
- Example APIs

## Module 5 : POSTMAN Tool

**Introduction to POSTMAN tool and installation.**

- Creating requests in Postman.
- Creating collections in Postman.
- Understanding variables and environments in Postman.
- Authorization in POSTMAN
- Assertions/Test scripts in POSTMAN.

## Module 6: Database Testing

### 1. Introduction to SQL

(What is SQL?, Purpose of SQL, Who should learn SQL?, What are the subsets of SQL?, Data Definition Language, Data Manipulation Language, Data Control Language, and SQL vs. NoSQL)

### 2. Introduction to Databases and RDMBS

(What is a Database?, Database Objects, Database Tables, Table Records, Types of Database Management Systems, Relational Database Management Systems, and SQL/ Relational Databases vs. No SQL Databases)

# Course Curriculum

## 3. Install a Database Engine

(Download MS SQL Server or Oracle or My SQL Database Engine, and Install. Launch SQL Server Management Studio, Select New Query, and launch SQL Query. Type SQL Commands and Execute.)

## 4. SQL Syntax

(Focus on SQL Syntax, SQL keywords, SQL is not case sensitive, SQL Comments, SQL Commands, and writing SQL Statements.)

## 5. SQL Data Types

(SQL Numeric data types, Date and Time data types, Character and String data types, Unicode character string data types, Binary data types, and Miscellaneous data types.)

## 6. SQL Operators

(SQL Arithmetic Operators, Comparison Operators, Logical Operators, and Bitwise Operators)

## 7. SQL Expressions

(SQL Boolean Expression, SQL Numeric Expression, and SQL Date Expression)

## 8. SQL Comments

(SQL Comments, Comments are used to explain sections of SQL statements, or to prevent the execution of SQL statements. Single-Line Comments, and Multi-line Comments)

## 9. SQL – Data Definition Language Commands and Operations.

(SQL Data Definition Language Commands, Create, Alter, Drop, Truncate, and Rename. Data Definition Language Operations, create a Database, Use Database, Rename a Database, Drop Database, Create a Table, Rename Table, Add a Column to existing Table, Add multiple columns to existing Table, Modify an existing column, Rename a Column, Drop a Column, Truncate a Table, and Drop a Table.)

## 10. SQL – Data Manipulation Language Commands and Operations

(Data Manipulation Language Commands, SELECT, INSERT, UPDATE, and DELETE. Data Manipulation Language Operations, retrieving data from a table, inserting data into a table, Updating existing data into a table, and Deleting all records from a table.)

## Module 7:

Manual Projects (2 Weeks), including Test Managements Tools

Automation Testing Selenium + Java

Selenium Introduction, Firefox addons

# Course Curriculum

- Selenium versions: Selenium IDE, Selenium RC (1.0), Web Driver (2.0)
- Why use Selenium, Eclipse and Java?
- Firefox addons (Firebug, FirePath)
- CHROME Inspector
- Internet Explorer Developer Tools
- Browser Document Object Model (DOM)
- Inspecting elements in Firefox
- HTML language tags and attributes
- Installing Java
- Installing Eclipse

## XPATH expressions, First Selenium project –

- Create XPATH locators to identify page elements
- Absolute and non-absolute XPATH expressions
- Objects with same id/xpath selector
- Handling objects with dynamic attributes
- First Selenium projects

## Selenium WebDriver

- Why WebDriver?
- Architecture of Selenium Webdriver
- Downloading WebDriver Jars and configuring in eclipse
- Drivers for Firefox, IE, Chrome
- HTML Unit driver and desired capabilities

## Find HTML elements

- Find an HTML Element
- Find multiple HTML Elements
- Implicit Waits
- Explicit Waits

## Manipulate HTML elements

- Interact with Links, Buttons, Input boxes, Radio buttons, Checkboxes
- Interact with list boxes and dropdown lists
- Read the title and URL of the page
- Check if an element is present, selected and enabled
- Get the value and attributes of HTML elements

## CORE- JAVA BASICS

- Variables
- Types of variables constant
- Data types
- Operator
- String
- Array
- Character
- Boolean number
- Loop (if- else while, switch)
- Oops
- Classes
- Objects
- Overloading & overwriting
- Attributes
- Operators & logic
- Exceptional handling

# Course Curriculum

## Junit 4 Unit Testing Framework

- What is JUNIT?
- Configuring Junit 4 in Eclipse
- Junit 4 annotations (@After, @Before, @AfterClass, @BeforeClass)
- Running a test in Junit
- Skipping tests Using Assertions
- Test Suites

## Data Driven Framework

- Add parameters to test scripts
- Read test script parameters from CS files

## Page Object Model

- What is the Page Object Model
- Use the Page Object Model to remove WebDriver actions from the test scripts
- Create Page Object Classes
- Start creating the test automation framework

## Testing Frameworks

- Keyword Driven Framework
- Data Driven Framework
- Hybrid Framework
- Page Object Model

## DEVELOP Page Object Model FRAMEWORK

- Creating Page Object Model Framework for Web Application using WebDriver /TestNG
- Use external Data for Testing (Excel sheet, xml files, Property file)
- Reading and understanding reports
- Screenshot of Failed Test case

## SELENIUM GRID

- Introduction to Selenium Grid
- Configuring Grid setup
- Configuring Grid for Multi-browsers
- Remote Web driver

## BUILD INTEGRATION

- Integration with Maven

## CONTINUOUS INTEGRATION

- Integration with Jenkins



# CERTIFICATE OF TRAINING

( ISO 9001 : 2015 Certified )

PROUDLY PRESENTED TO

*Devanshi Pande*

You have successfully completed your  
Four Months Training on Data Analytics with specialisation in Python.

28TH JULY 2023

DATE



*Pradip Mehta*

MR. PRADIP MEHTA

Founder

Certified By :



**NASSCOM**  
Certified Member





# Our Alumnus & Companies



# Our Industry Expert Trainers



## Mr. Gangesh Kumar Gaunr

IBM | ISTQB Certified Tester | Manual, API & Automation Testing | Selenium with Java

“ISTQB, ISQI & HP Certified Associate Software Manager – Testing with 5+ years of diverse experience in Automation and Manual Testing on various platforms across several projects and clients. Professional Software Testing Trainer with extensive knowledge of a wide variety of applications and operating systems commonly used in businesses.



## Mr. Asheesh Nayak

Cognizant | Corporate Trainer | Manual, API & Automation Testing | Selenium with Java

“Certified in Advance Selenium Webdriver with java, worked on Maven, TestNG & Robot Framework. Professional Software Testing Trainer with extensive knowledge of a wide variety of applications and operating systems commonly used in businesses. An expert at designing training courses with technical content, I am effective at imparting knowledge through my superior verbal communication skills and active listening style.



## Mr. Ravi prakash

Wipro | Manual, API & Automation Testing | Selenium with Java

“Certified in ISTQB & Advanced Software Testing with expertise in web & Mobile testing, Java, Maven, TestNG, and Robot Framework. As a skilled Software Testing Trainer, brings a dynamic training approach, ensuring participants grasp complex concepts through engaging sessions. They make tricky software testing stuff simple and enjoyable in their training sessions!



# Congratulations

## Placement



TANVI SINGH

wipro



RAJENDRA YADAV

HCLTech



ABHISHEK KUMAR

mamaearth



ABHILASHA RATHI

Infosys



RUBY SHARMA

elmenus



ADITYA SINGH

Deloitte



PRIYA PARIHAR

MeeTri



DEVENDRA KUMAR

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Infosys



NEHA

GlobalLogic



ARUN PAL

maruti techlabs



BABITA SINGH

HCL



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IBM



JUHI SHARMA

rapidops



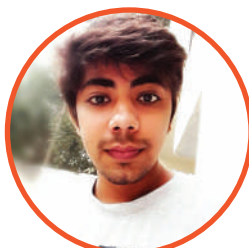
NAMRATA

ADITI CONSULTING



PRASHANT

TECH EXACTLY



CHIRAG GUPTA

RADIXWEB Simplified IT Outsourcing



SAURABH MISHRA

KPMG



SHURTI

ppInventiv



AKASH SINGH

one card

## Congratulations To our selected students

# SUCCESS STORIES



**BABITA**

**Company**  
**Adobe**

Uncodemy is the perfect place to start your data science career, as they provide regular live classes with doubt resolution. Moreover, they also allow students to book additional mentor - ship to sessions with industry experts to understand challenging topics better and gain industry insights. Uncodemy as highly as possible and suggest all the aspirants join Uncodemy with hesitation.

**ADITYA SINGH**

**Company : Deloitte**



Uncodemy is a good place to start up if you are looking for a career transition or build a career in Data analytics. Moreover, guest lectures by Upendra sir are very insightful. Very efficient manage to reach out for any help during train - ing. The best thing is, they also offer support in looking for jobs post training. Thank You..



**RITESH SINGH**

**Company : Bloohash**

After spending 2 years in Non-IT job, decided to switch to IT job. Uncodemy is one of the leading brand in this section.

I have complete here Soft - ware testing training course. They have very good trainers and HR team Who helps you to find the right job. The training content is very excellent and very useful to get your dream IT job. special thanks to Shivendra Sir, Ug sir, Anam Ma'am and HR department team for proper guidance and help throughout this journey. Now I'm working in the leading IT company with good package, all thanks to Uncodemy team.

**NEELAM**

**Company : wipro**



I've always wanted to create complete web applications on my own. | went for an Uncodemy Python Full Stack Course. | am 50 grateful to Uncodemy now because | can fulfil my dream. Their staff and training are 50 fruitful, They will walk you through the process of building your first full - stack Python web application. If you Want to be a good program developer, hurry up and go for the Uncodemy Python.

**Full Stack Course.**



**UnCodemy**

# Contact Us

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