U·C
UnCodemy

BUSINESS Analytics Program

Job Guarantee program

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Email : Info@uncodemy.com

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 developingcontest and rising intricacies in the innovative world. We aregrowing 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 ITcalling 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 underdisciplines like Data Science Machine Learning, Data Mining, Tableau, Text Mining, ReactJS, NodeJS, Angular, Python Programming, Deep Learning, and Java, network protection, programming testing, CloudTechnology, Digital advertising and a lot more with an emphasis ontrustworthiness and on the web and Offline learning. We're attemptingto transform our enthusiasm for IT Software Training Platform into athriving position and occupation situated in the preparing stage withoutany hesitation at work.

Our aim is simple: We strive to createhigh-impact, hands-on experiencesthat prepare learners for meaningfuland productive careers.

Warm Regards,
Founder Uncodemy

SALARY PACKAGE

22.7L **TOP 10%**

13.5L **TOP 25%**

9.54L **TOP 50%**

7.42L **TOP 75%**
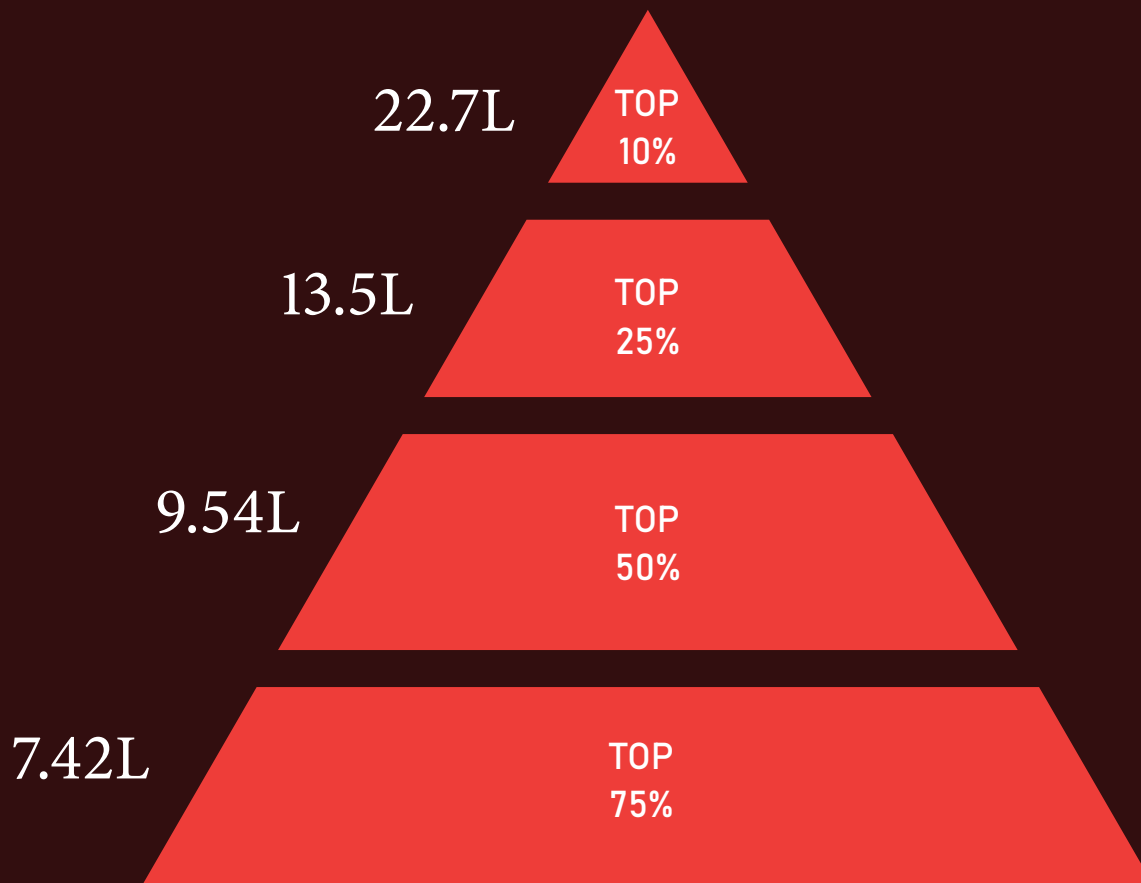
The results of a Business Analytics job is tracked in a database for engineers to review so they can fix the defect. There are times when the position can seem monotonous, but the focus of your work will constantly change to different aspects of the program, alleviating some of the repetition. You also 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 Business being an area that will always grow, Business Analytics have one of most secure jobs in the tech industry.

Why Should You Choose
UnCodemy?

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 Business Analytics.

No. 1 Institute for the Business Analytics Course

Uncodemy in Noida stands out as the premier Business Analytics 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 Business Analytics 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 Business Analytics.

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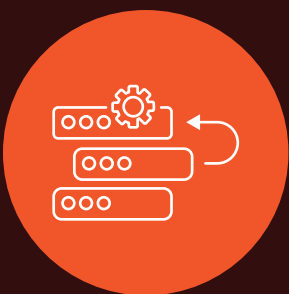
Soft skills training to improve communication, networking, and leadership skills. Identifying and highlighting transferable skills that may not be obvious.

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

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

Top Skills and Tools Covered

SQL

Excel

Power BI

python

tableau

Course
Curriculum

Module 1 :- Advanced Excel

- Font formatting
- Number formatting
- Table formatting
- Conditional formatting
- Hide / Unhide
- Sort/filter
- Paste special
- Find and select

Insert
- Illustrations
- Charts
- Text

Basic Functions
- Sum / Average / Count / Max / Min
- Basic Text / date / time / lookup / information functions
- Name manager
- Formula Auditing

Data
- Import from web
- Import from text
- Text to columns
- Remove duplicates
- Grouping and ungrouping

Review
- Proofing
- Comments
- Protection

Views
- Types of views
- Zoom
- Windows

Developer
- Enable developer
- Using checkbox/option buttons

Basic Formula
- Formulae that Add / Subtract / Multiply / Divide
- BODMAS / Formula Error Checking
- The Sum Function

Absolute Referencing
- Problems with Absolute / Relative Cell Referencing
- Creating Absolute / Mixed References

LOOKUP Functions
- The VLOOKUP/ HLOOKUP Functions

PivotTables
- Creating, Formatting Simple PivotTables
- Page Field in a PivotTable
- Formatting a PivotTable
- Creating / Modifying a PivotChart

Logical Functions
- IFs and Nested IF Functions
- Using AND / OR / NOT Functions

Course
Curriculum

Statistical Functions

- Using The SUMIF / COUNTIF Functions
- Using The AVERAGE / COUNT / LARGER / SMALLER Functions

Pivot Tables – Advance

- Adding new calculated Fields / Items
- Changing the Summary Function
- Consolidate Pivot table

LOOKUP Functions – Advance

- MATCH with VLOOKUP Functions
- INDEX & MATCH Functions
- OFFSET / INDIRECT functions

Logical Functions – Advance

- If Loop and Nested IF Loop Functions
- Using IF / ISERROR Functions

Chart Data Techniques

- The Chart Wizard
- Chart Types
- Adding Title / Legends / Labels
- Printing Charts
- Adding Data to a Chart
- Formatting / Renaming / Deleting Data Series
- Changing the Order of Data Series

Date / Time Functions

- Using The Today
- Now & Date Functions
- Using The Datedif / Networkdays / Eomonth Functions
- Using The Weeknum Functions
- Using The Edate / Networkdays. Intl / Weekdays.Intl Functions

Text Functions Using

- The Mid / Search / Left / Right Functions
- Using The Trim / Clean / Upper/ Lower Functions
- Using The Substitute / Text Functions
- Using The Trim / Clean / Proper / Dollar Function

Validations

- Input Messages / Error Alerts / Drop-Down Lists
- Conditional Formatting

Advanced Filters

- Extracting Records with Advanced Filter
- Using Formulas in Criteria

Advanced Sorting

- Sorting by Top to Bottom / Left to Right
- Creating / Deleting Custom List
- Sort by using Custom List

Hyper / Data Linking

Course
Curriculum

- Hyper linking data, within sheet / workbook
- Linking & Updating links between workbooks & application

Math & Trigonometry Functions

- Using SUMPRODUCT Functions
- Using FLOOR / CEILING/ MROUND / MOD / QUOTIENT Functions

Summarizing Data

- Creating Subtotals / Nested Subtotals
- SUBTOTALS Formula

Using Auditing Tools

- Displaying / Removing Dependent & Precedent Arrows
- Evaluate Formula – Step IN / Step Out

Custom Views

- Creating Custom Views
- Displaying Custom Views
- Deleting Custom Views

Sharing and Protecting Workbooks

- Sharing Workbooks & Tracking Changes
- Protecting sheets/workbooks / Files

Importing & Exporting Data

- Importing Data from Database / Text Files / Web
- Exporting Data
- Changing External Data Range

Module 2 – SQL

Topics: Getting Started and Creating, Selecting & Retrieving Datawith SQL

- Introduction to Databases
- How to create a Database instance on Cloud?
- Provision a Cloud hosted Database instance.
- What is SQL?
- Thinking About Your Data
- Relational vs. Transactional Models ER Diagram
- CREATE Table Statement and DROP tables
- UPDATE and DELETE Statements
- Retrieving Data with a SELECT Statement
- Creating Temporary Tables
- Adding Comments to SQL

Topics: Filtering, Sorting, and Calculating Data with SQL

- Basics of Filtering with SQL
- Advanced Filtering: IN, OR, and NOT
- Using Wildcards in SQL
- Sorting with ORDER BY
- Math Operations
- Aggregate Functions
- Grouping Data with SQL

Topics: Subqueries and Joins in SQL

Course
Curriculum

- Using Subqueries
- Subquery Best Practices and Considerations
- Joining Tables
- Cartesian (Cross) Joins
- Inner Joins
- Aliases and Self Joins
- Advanced Joins: Left, Right, and Full Outer Joins
- Unions

Topics: Modifying and Analyzing Data with SQL

- Working with Text Strings
- Working with Date and Time Strings
- Date and Time Strings Examples
- Case Statements
- Views
- Data Governance and Profiling
- Using SQL for Data Science

Topics: Accessing Databases using Python

- How to access databases using Python?
- Writing code using DB-API
- Connecting to a database using DB API
- Create Database Credentials
- Connecting to a database instance
- Creating tables, loading, inserting, data and querying data
- Analysing data with Python

Module 3 – Tableau

Introduction to Tableau

- What is Tableau ?
- What is Data Visulaization ?
- Tableau Products
- Tableau Desktop Variations
- Tableau File Extensions
- Data Types, Dimensions, Measures, Aggregation concept
- Tableau Desktop Installation
- Data Source Overview
- Live Vs Extract

Basic Charts & Formatting

- Overview of worksheet sections
- Shelves
- Bar Chart, Stacked Bar Chart
- Discrete & Continuous Line Charts
- Symbol Map & Filled Map
- Text Table, Highlight Table
- Formatting: Remove grid lines, hiding the axes, conversion of numbers to thousands, millions, Shading, Row divider, Column divider
- Marks Card

Filters

- What are Filters ?
- Types of Filters
- Extract, Data Source, Context, Dimension, Measure, Quick Filters
- Order of operation of filters
- Cascading
- Apply to Worksheets

Calculations

- Need for calculations
- Types: Basic, LOD's, Table
- Examples of Basic Calculations: Aggregate functions, Logical functions, String functions, Tablea calculation functions, numerical functions, Date functions
- LOD's: Examples
- Table Calculations: Examples

Data Combining Techniques

- What is Data Combining Techniques ?
- Types
- Joins, Relationships, Blending & Union

Custom Charts

- Dual Axis
- Combined Axis
- Donut Chart
- Lollipop Chart

- KPI Cards (Simple)
- KPI Cards (With Shape)

Groups, Bins, Hierarchies, Sets, Parameters

- What are Groups ? Purpose
- What are Bins ? Purpose
- What are Hierarchies ? Purpose
- What are Sets ? Purpose
- What are Parameters ? Purpose and examples

Analytics & Dashboard

- Reference Lines
- Trend Line
- Overview of Dashboard: Tiled Vs Floating
- All Objects overview, Layout overview
- Dashboard creation with formatting

Module 4 – Power BI

Topics: Introduction To Power BI

- Introduction to Power BI – Need, Imprtance
- Power BI – Advantages and Scalable Options
- Power BI Data Source Library and DW Files
- Business Analyst Tools, MS Cloud Tools
- Power BI Installation
- Power BI Desktop – Instalation, Usage
- Sample Reports and Visualization Controls
- Understanding Desktop & Mobile Editions
- Report Rendering Options and End User Access

Course
Curriculum

Topics: Creating POWER BI Reports, Auto Filters

- Report Design with Databse Tables
- Report Visuals, Fields and UI Options
- Reports with Multiple Pages and Advantages
- Pages with Multiple Visualizations. Data Access
- "GET DATA" Options and Report Fields, Filters
- Report View Options: Full, Fit Page, Width Scale
- Report Design using Databases & Queries

Topics: Report Visualization And Properties

- Power BI Design: Canvas, Visualizations, and Fileds
- Import Data Options with Power BI Model, Advantages
- Data Fields and Filters with Visualizations
- Visualization Filters, Page Filters, Report Filters
- Creating Customised Tables with Power BI Editor
- General Properties, Sizing, Dimensions, and Positions
- Page Level Filters and Report Level Filters
- Visual-Level Filters and Format Options
- Report Fields, Formats and Analytics

Topics: Chart And Map Report Properties

- CHART Report Types and Properties
- STACKED BAR CHART, STACKED COLUMN CHART
- CLUSTERED BAR CHART, CLUSTERED C OLUMN CHART
- Field Properties
- Formats: Legend, Axis, Data Labels, Plot Area
- Data Labels: Visibility, Color and Display Units
- Analytics: Constant Line, Position, Labels
- Map Reports: Working with Map Reports
- Hierarchies: Grouping Multiple Report Fields
- Advanced Query Mode @ Connection Settings – Options

Topics: DAX EXPRESSIONS

- Purpose of Data Analysis Expresssions (DAX)
- Scope of Usage with DAX. Usabilty Options
- DAX Context : Row Context and Filter Context
- DAX Entities : Calculated Columns and Measures
- DAX Data Types : Numeric, Boolean, Variant, Currency

Course
Curriculum

- Datetime Data Tye with DAX. Comparison with Excel
- DAX Operators & Symbols. Usage. Operator Priority
- Parenthesis, Comparison, Arthmetic, Text, Logic
- DAX Functions and Types: Table Valued Functions
- Filter, Aggregation and Time Intelligence Functions
- Information Functions, Logical, Parent-Child Functions
- Statistical and Text Functions. Formulas and Queries
- Syntax Requirements with DAX. Differences with Excel
- Naming Conventions and DAX Format Representation
- Working with Special Characters in Table Names

Module 5 - Business Statistics

Descriptive Statistics

- Data Types, Measure Of central tendency, Measures of Dispersion
- Graphical Techniques, Skewness & Kurtosis, Box Plot

Probability and Normal Distribution

- Random Variable, Probability, Probility Distribution, Normal Distribution, SND, Expected Value

Inferential Statistics

- Sampling Funnel, Sampling Variation, Central Limit Theorem, Confidence interval
- Introduction to Hypothesis Testing
- Hypothesis Testing (2 proportion test, 2 t sample t test)
- Anova and Chisquare

Data cleaning and Insights

- Data Cleaning(Invalid cells,Blanks, Outliers,Null values)
- Imputation Techniques(Mean and Median)
- Scatter Diagram
- Correlation Analysis

Module 6 Agile Methodology

Introduction to Agile

- Project Definition
- Difference Between Traditional & Agile Project Mgmt.
- Agile Manifesto and Principles
- Agile Methodology
- Agile Principles
- Agile Frameworks and Terminology

Course
Curriculum

Agile Methodologies

- Scrum
- XP

Agile Analysis and Design

- Product Roadmap
- Product Backlog
- Story Maps
- Agile Modeling
- Wireframes
- Charting

Planning and Monitoring

- Iteration and Release Planning
- Progressive Elaboration
- Time Boxing
- Cumulative Flow Diagram
- Kanban Boards
- WIP Limits
- Burn Charts

Module 7: JIRA – Project Management Tool

Introduction of JIRA

- What is Jira?
- Uses of Jira
- Jira Key Terms
- Features of JIRA:
- JIRA Scheme
- JIRA Projects

Getting started with JIRA

- How to install JIRA
- Creating Projects
- Adding Users in JIRA
- Managing JIRA dashboard and Gadgets
- create epics
- features in JIRA
- create user stories
- Epic vs Feature vs user stories
- Sprint planning
- Start sprint
- sprint in JIRA

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

MR. PRADIP MEHTA
Founder

Certified By :   Skill India   NASSCOM® Certified Member   Google Partner   futureskills prime

Our Alumnus & Companies

Our Industry Expert
Trainers

Upendra Kumar Tiwari

Data Scientist | Machine Learning | Data Visualization | NLP | Financial Analytics | Machine Learning on Cloud.

"Having more than 15 years of experience. always willing to accept new challenges, roles, and responsibilities. love to learn and share what I have learned. I believe that the ability to juggle data using Math and Programming skills will help uncover many business solutions. With a deep interest in Machine Learning and Artificial Intelligence, aiming to provide knowledge to ML and AI enthusiasts.

Irshad Khan

Data Scientist | Machine Learning | Python | Statistical Modeling | Analytics| Researcher | Applied Mathematics

"Data scientist enthusiast with strong experience in using a variety of data mining/ data analysis methods, a variety of data tools, building and implementing simulations. with extensive experience in solving many real-world business problems across different domains through insights from predictive modeling, data processing, and data mining, machine learning, and deep learning algorithms.

Kunal Arora

Senior Data Scientist at Yum

"An enthusiastic, energetic, and self-motivated learner who believes in hard work as well as smart work. I believe in working smart rather than working hard. I like to explore new ideas and experiment with them and I am interested in Python Programming Language. To describe myself in one word I can say I have a great passion for data science and its application in problem-solving, which is backed with practical knowledge. My aim is to get a chance to prove myself.

Email : Info@uncodemy.com

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** HITACHI	**Neha Sharma** Infosys	**NEHA** GlobalLogic
ARUN PAL maruti techlabs	**BABITA SINGH** HCL	**DEEPAK** IBM	**JUHI SHARMA** rapidops	**NAMRATA** ADITI CONSULTING
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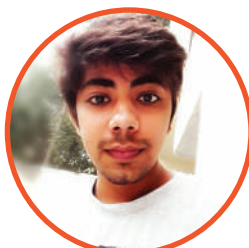
Congratulations To our selected students

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 tounderstand 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..

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.

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 compplete 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.

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UnCodemy

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