



simpli|learn

Business Analyst

Master's Program

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About the Course

The Business Analyst tools and techniques are amongst the most sought-after and highly compensated digital economy skills. Accelerate your career with our acclaimed Business Analyst Master's Program, featuring the perfect mix of practical and hands-on manner with real-world case studies and extensive hands-on practicum.

This Master's Program is a blend of self-paced online videos, live virtual classes. Mentorship sessions provide you with a high-engagement learning experience and real-world applications, helping you master essential Business analysis skills. You will have in-depth exposure to concepts including business analysis planning and monitoring, data analysis and statistics, visualizations, Agile Scrum methodologies, and SQL databases. preparing you for an exciting career in Business Analysis.

Key Features



25+ hours of online self learning content



Industry recognized certifications from Simplilearn



30+ in-demand skills



90+ hours of live virtual classes



Real life projects providing hands-on industry training



Lifetime access to self-paced learning and class recordings

About Simplilearn

Simplilearn is a leader in digital skills training, focused on the emerging technologies that are transforming our world. Our Blended Learning approach drives learner engagement and is backed by the industry's highest completion rates. Partnering with professionals and companies, we identify their unique needs and provide outcome-centric solutions to help them achieve their professional goals.

Program Outcomes

- ✔ Grasp fundamentals of excel analytics functions and conditional formatting
- ✔ Apply statistical tools and concepts like moving average, hypothesis testing, ANOVA and regression to data sets using Excel
- ✔ Understand the tools and techniques used in Business Analysis Planning and Monitoring
- ✔ Master the concepts of requirements life cycle management
- ✔ Gain fundamental knowledge on agile perspective
- ✔ Learn to analyze data using Tableau and become proficient in building interactive dashboards
- ✔ Master the Agile Scrum project management approach
- ✔ Gain expertise in Agile Scrum methodologies, Agile Scrum applications, Daily Scrum synchronization, Sprint planning, and review
- ✔ Understand Business Analysis Key Concepts and Business Analysis Core Concept Model (BACCM)
- ✔ Acquire advanced knowledge of identifying, defining, assessing and completing various elements of business analysis tasks
- ✔ Master SQL concepts such as Universal Query Tool and SQL command
- ✔ Plan, execute, monitor and track Scrum projects
- ✔ Absorb Agile philosophy and gain deep knowledge of Scrum
- ✔ Effectively apply Scrum in your organizations

Program Eligibility Criteria and Prerequisites

A Bachelor's degree in any discipline with basic understanding of mathematics and statistics

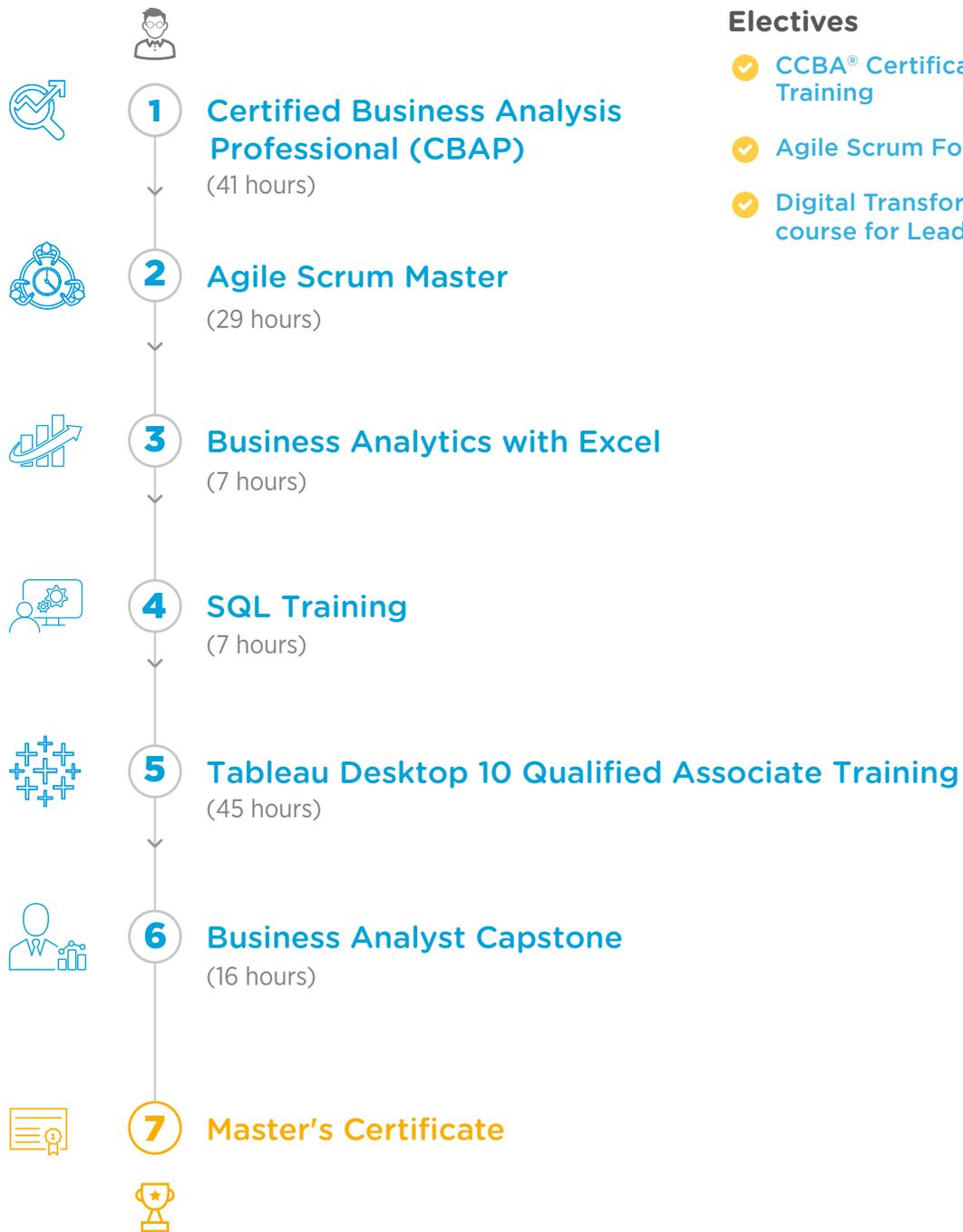
Who Should Enroll in this Program?

This program caters to working professionals from a variety of industries and backgrounds; the diversity of our students adds richness to class discussions and interactions. Aspiring professionals of any educational background with an analytical frame of mind are most suited to pursue the Business Analyst Master's Program, including.

The following are the few professional profiles that are ideal students for this course:

- ✔ Aspiring Business Analysts - including recent college graduates and those looking to make a career change.
- ✔ Other positions that are performing business analysis duties such as administrators, managers, and project leads.
- ✔ IT professionals
- ✔ Beginners in the data analytics domain
- ✔ Project managers
- ✔ Banking and finance professionals
- ✔ Marketing managers
- ✔ Sales professionals
- ✔ Supply chain network managers

Learning Path



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Certified Business Analysis Professional (CBAP®)

This CBAP certification training enables you to master the highest skills of business analysis including advanced documentation, effective planning, and the design of business solutions. Covering the core concept model of business analysis and the six knowledge areas of the BABOK® Guide Version 3, this course prepares you to ace the IIBA-CBAP exam.

Key Learning Objectives

- ✓ Business analysis planning and monitoring
- ✓ Elicitation and collaboration
- ✓ Requirements life cycle management
- ✓ Strategy analysis
- ✓ Requirements analysis and design definition
- ✓ Business intelligence perspective
- ✓ Business architecture perspective
- ✓ Business process management perspective

Course Curriculum

- ✓ **Lesson 1** - Introduction to CBAP certification
- ✓ **Lesson 2** - Introduction to BABOK V3
- ✓ **Lesson 3** - Business Analysis Planning and Monitoring
- ✓ **Lesson 4** - Elicitation and Collaboration

- ✔ **Lesson 1** - Introduction to CBAP certification
- ✔ **Lesson 2** - Introduction to BABOK V3
- ✔ **Lesson 3** - Business Analysis Planning and Monitoring
- ✔ **Lesson 4** - Elicitation and Collaboration
- ✔ **Lesson 5** - Requirements Life Cycle Management
- ✔ **Lesson 6** - Strategy Analysis
- ✔ **Lesson 7** - Requirements Analysis and Design Definition
- ✔ **Lesson 8** - Solution Evaluation
- ✔ **Lesson 9** - Agile Perspective
- ✔ **Lesson 10** - Business Intelligence Perspective
- ✔ **Lesson 11** - Information Technology Perspective
- ✔ **Lesson 12** - Business Architecture Perspective
- ✔ **Lesson 13** - Business Process Management Perspective

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Agile Scrum Master

This Agile Scrum Master online training introduces you to the best practices of Agile and the nuances of the Scrum methodology. Master the Agile Scrum project management approach and enhance your ability to develop and deliver quality products to customers. Use this popular methodology to maximize business value while mitigating potential risks.

Key Learning Objectives

After completing this phase, you will be able to:

- ✓ Agile Scrum methodologies
- ✓ Agile Scrum applications
- ✓ Daily Scrum synchronization
- ✓ Sprint planning and review
- ✓ Producing Scrum artifacts
- ✓ Implementing distributed Scrum
- ✓ JIRA project management
- ✓ Agile Scrum best practices

Course Curriculum

- ✓ Course Introduction
- ✓ Agile Way of thinking
- ✓ Other Agile frameworks
- ✓ Scrum events and artifacts
- ✓ Scrum roles
- ✓ Agile estimating, planning and monitoring
- ✓ Agile on Complex projects
- ✓ Adopting Agile

Business Analytics with Excel

Business Analytics with Excel training will boost your analytics career with powerful new Microsoft Excel skills. This business analytics training will equip you with all the concepts and hard skills required for a strong analytics career basis. You'll learn the basic concepts of data analysis and statistics, helping promote data-driven decision making. Your new knowledge of this commonly used tool combined with official business analytics certification is guaranteed to ensure career success.

Key Learning Objectives

- ✔ Understand the meaning of business analytics and its importance in the industry
- ✔ Grasp the fundamentals of excel analytics functions and conditional formatting
- ✔ Learn how to analyze with complex datasets using pivot tables and slicers
- ✔ Solve stochastic and deterministic analytical problems using tools like scenario manager, solver and goal seek
- ✔ Apply statistical tools and concepts like moving average, hypothesis testing, ANOVA and regression to data sets using Excel
- ✔ Represent your findings using charts and dashboards
- ✔ Get introduced to the latest Microsoft analytic and visualization tools i.e. Power BI

Course Curriculum

- ✔ **Lesson 1-** Introduction to Business Analytics
- ✔ **Lesson 2-** Formatting Conditional Formatting and Important Functions
- ✔ **Lesson 3-** Analysing Data with Pivot Tables
- ✔ **Lesson 4-** Dashboarding
- ✔ **Lesson 5-** Business Analytics with Excel
- ✔ **Lesson 6-** Data Analysis Using Statistics
- ✔ **Lesson 7-** Power BI

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SQL Training

This course gives you all the information you need to successfully start working with SQL databases and make use of the database in your applications. Learn to correctly structure your database, author efficient SQL statements, and clauses, and manage your SQL database for scalable growth.

Key Learning Objectives

After completing this phase, you will be able to:

- ✓ Understand databases and relationships
- ✓ Use common query tools and work with SQL commands
- ✓ Understanding transactions; creating tables and views
- ✓ Comprehend and execute stored procedures

Course Curriculum

- ✓ **Lesson 1-** Rational Databases
- ✓ **Lesson 2-** SQL Querying
- ✓ **Lesson 3-** Your First Queries
- ✓ **Lesson 4-** Filtering Your Results
- ✓ **Lesson 5-** Consolidating Your Data
- ✓ **Lesson 6-** Grouping Your Data
- ✓ **Lesson 7-** Joining Tables
- ✓ **Lesson 8-** Subqueries
- ✓ **Lesson 9-** Manipulating Your Data
- ✓ **Lesson 10-** Transaction Control
- ✓ **Lesson 11-** Creating Database Objects and Adding Business Logic

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Tableau Desktop 10

This Tableau Desktop 10 training will help you master the various aspects of the program and gain skills such as building visualization, organizing data, and designing dashboards. You will also learn concepts of statistics, mapping, and data connection. It is an essential asset to those wishing to succeed in Business Analysis.

Key Learning Objectives

- ✔ Grasp the concepts of Tableau Desktop 10, become proficient with statistics and build interactive dashboards
- ✔ Master data sources and data blending, create data extracts and organize and format data
- ✔ Master arithmetic, logical, table and LOD calculations and ad-hoc analytics
- ✔ Become an expert on visualization techniques such as heat map, treemap, waterfall, Pareto, Gantt chart and market basket analysis
- ✔ Learn to analyze data using Tableau Desktop as well as clustering and forecasting techniques
- ✔ Gain command of mapping concepts such as custom geocoding and radial selections
- ✔ Master Special Field Types and Tableau Generated Fields and the process of creating and using parameters
- ✔ Learn how to build interactive dashboards, story interfaces and how to share your work

Course Curriculum

- ✔ **Lesson 1** - Getting Started With Tableau
- ✔ **Lesson 2** - Working With Tableau
- ✔ **Lesson 3** - Deep Diving with Data and Connections
- ✔ **Lesson 4** - Creating Charts
- ✔ **Lesson 5** - Adding Calculations to your Workbook
- ✔ **Lesson 6** - Mapping data in Tableau
- ✔ **Lesson 7** - Dashboards and Stories
- ✔ **Lesson 8** - Visualizations for an Audience

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Business Analyst Capstone

Enhance your Business Analysis skills with a hands-on, industry-relevant capstone project, bringing together every course into one portfolio-worthy capstone. This provides high-touch mentoring sessions with expert industry trainers for 8 hours over a span of 4 weeks. This will enhance your Business Analysis skills with hands-on and industry-relevant projects while bringing together every course into one portfolio. The learner will get the option to choose from the following three industries to work on in their Capstone project:

Hospitality: Learners will create a restaurant management system for a globally well-known Michelin-star restaurant chain

Retail: Learners will create a plan to launch an “online pantry” (similar to Amazon Pantry) that delivers essential products on a daily basis

Banking: Learners will create a plan and capture the requirements to create a feature with which a global bank can introduce e-Fixed deposits for all the users

Course End Projects

Smart Weather

As a scrum master in your organization, you need to calculate the velocity of the Smart Weather portal.

E-Commerce Sales Dashboard

An Online E-Commerce Company wants to design a Sales dashboard to analyze the sales based on various product categories. The company wants to add user control for product category, so users can select a category and can see the trend month-wise and product-wise accordingly.

Comparative study of Countries

Create a dashboard to do a comparative study on various parameters of different countries using the sample insurance dataset and world development indicators dataset.

Sales Performance Analysis

To build a dashboard that will present monthly sales performance by product segment and product category to help client identifying the segments and categories that have met or exceeded their sales targets, as well as those that have not met their sales targets.

Online Pantry

An online pantry decided to create a new feature known as Amazon Pantry which would sell daily essential products. This would be an additional enhancement in the current website or app. This would be Amazon's foray into daily essential products which are regular consumption products and would lead to repeat sales every month.

E-Fixed Deposits

A world's leading bank currently has a manual option to create bank fixed deposits. The bank users go to the nearest Citibank branch and create a fixed deposit. Citibank has a future vision of being a 100% online bank and wants to do away with all its manual banking processes. They have identified the need to create e-fixed deposits.

Restaurant Management System

A US celebrity chef has his own chain of restaurants, across different cities in the USA. He wanted to put a new Restaurant Management System to track the day-to-day management of his restaurant.

Tools and Services Covered



PROGRAM ENDORSED BY IIBA:

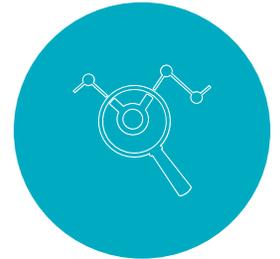
IIBA is the world's leading professional association that develops and maintains standards for the practice of Business Analysis.

- ✓ Aligned with the standards of IIBA®
- ✓ Obtain 35 IIBA CDUs
- ✓ Prepares you to ace the ECBA, CCBA and CBAP exams

Electives

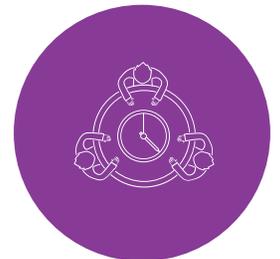
CCBA® Certification Training

This Certification of Capability in Business Analysis (CCBA) training course covers the basic skillsets required of business analyst professionals based on the industry standards and benchmarks of the International Institute of Business Analysis (IIBA®) and others. You'll become proficient in recognizing the needs of a business so that the most applicable solutions can be identified and implemented, and produce reliable quality results with increased efficiency and consistency.



Agile Scrum Foundation

Master your professional knowledge of Agile methodologies and Scrum practices with this introductory course accredited by Exin. As a subset of the Agile development approach, the Scrum framework enables collaborative cross-functional teams to deliver projects in incremental portions. Scrum effectively addresses complex adaptive problems to deliver products of the highest value.



Digital Transformation Course for Leaders

This course will help you understand the IT-enabled changes in a business environment, learn how to successfully implement digital transformation projects, and help guide your career in tomorrow's business world. You will be able to calculate the impact of IT on decision-making within an organization and how it ultimately impacts revenue growth.

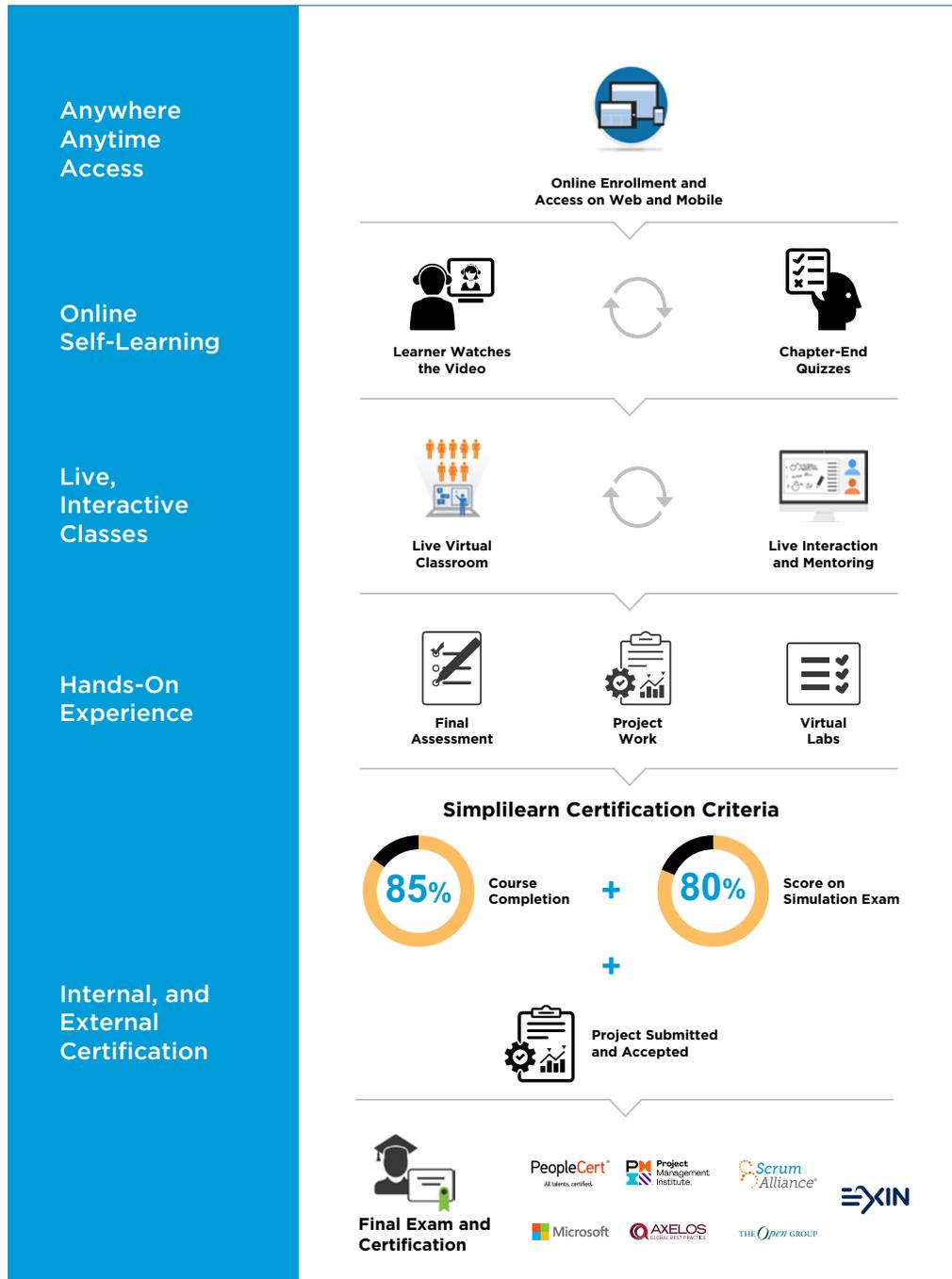


Certificate



Upon completion of this Master's Program, you will receive the certificates from Simplilearn in the Business Analyst courses in the learning path. These certificates will testify to your skills as an expert in Business Analyst. Upon program completion, you will also receive an industry-recognized Master's Certificate from Simplilearn.

Classroom-Level Immersion: Delivered Digitally



Customer Reviews

Prakash Rajiv

Business Analyst at doodleblue Innovations

I am doing the Business Analyst Master course from Simplilearn. It is a really wonderful experience with the trainers and LMS. I can learn according to my time and pace. Overall the course is really wonderful.



Jagadeshwari Srinivasan

Senior Program Director @Ness Technologies

I liked the concept of online learning. The training delivery is seamless and flawless - Thanks! Keep up the good work. I especially like the fact that the arguments are explained in detail, so that participants who are interested in the understanding can get an important contribution to their knowledge enhancement.



Musheer Ahmed Shaik

Project Manager @Wipro

The program is excellent, and well designed for Project Managers. All the topics are well covered, and the added advantage is we get support from the professionals.



Sarang Bezalwar

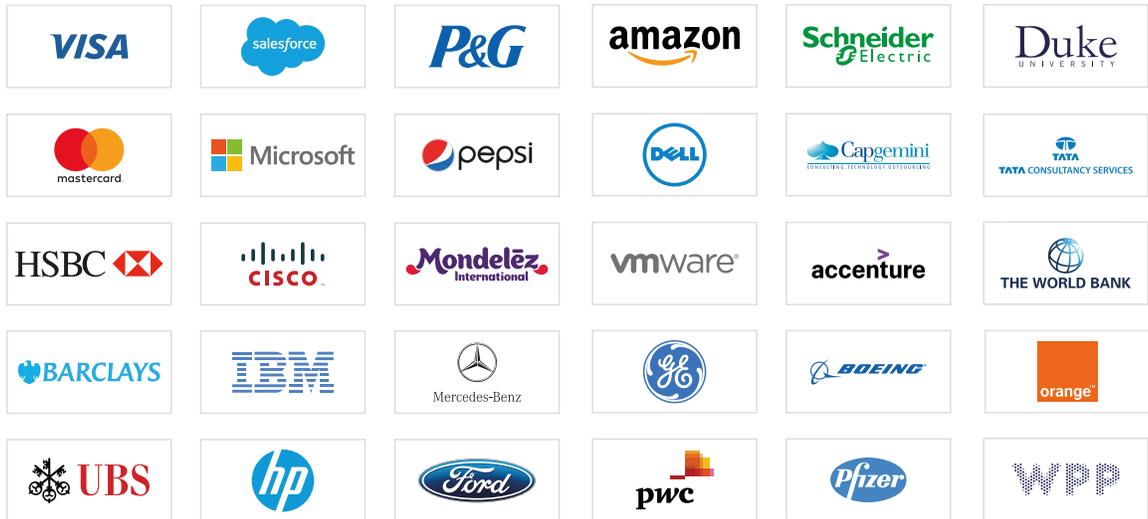
Test Manager at Doshahen Solutions Pvt. Ltd

Course content at Simplilearn is very well structured and relevant for today's market condition. The support staff is very helpful in selecting the course and guiding the participant.



Corporate Training

Top clients we work with:



Features of Corporate Training:



Tailored learning solutions



Flexible pricing options



Enterprise-grade learning management system (LMS)



Enterprise dashboards for individuals and teams



24X7 learner assistance and support

Advisory Board Members

Tim Jerome

Project Management Expert and Evangelist

Tim Jerome is an international project management expert with over 15 years of experience at companies like Intel and Digital Network Services. A former president of the PMI Rio Grande Chapter, Tim is also a PMP instructor with over 10 years of experience in addition to his extensive project management consulting experience.



Bryan Campbell

President at 7 C's Consulting and Agile Project and Program Manager

Bryan Campbell is a highly respected Agile Coach and Project Manager with more than 25 years of experience managing projects, programs and PMOs around the world. He specializes in agile transformation for enterprise, scale PMOs.



Jeff Allen

Project Management and Agile Expert, Consultant, Author

Jeff Allen is a highly regarded project management and Agile expert with more than 15 years of experience at large companies like Compaq and HP. As an Agile Coach, he has mentored over 5000 professionals globally.





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