



Post Graduate Program in Business Analysis

Become Business Analyst with ChatGPT  and GBard  Bard

CBAP course
accredited by:  **IIBA** International Institute
of Business Analysis™

Network with Business Analyst from:   

 **PURDUE**
UNIVERSITY®

Delivered by
simplilearn



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About the Program

Kickstart your career in Business Analysis with the comprehensive Post Graduate Program in Business Analysis, in partnership with Purdue University. This program provides a complete overview of the Business Analysis domain and prepares you for the role of a Business Analyst with help of practical skills, with real-world case studies, extensive hands-on practicum and masterclasses delivered by Purdue faculty.

This Post Graduate Program is designed for graduates in any discipline and experienced professionals from diverse backgrounds to provide an extensive business analysis education. This training offers a blend of online self-paced videos, live virtual classes and hands-on projects. Students also have access to mentorship sessions that provide a high-engagement learning experience and real-world applications to help master essential business analysis skills. This program gives a broad exposure to statistical concepts, business analysis elements, lifecycle management, agile scrum methodologies, tools like Excel, Power BI, and Tableau to help prepare you for an exciting career in Business Analysis.

Key Features of the Program



Certificate from Simplilearn in collaboration with Purdue University



Become eligible to be part of the Purdue University Alumni Association



Earn 35 PDs/CDUs from IIBA with CBAP®



Master Classes delivered by Purdue faculty



Harvard Business Publishing case studies of Pearson, CarMax, EvCard, etc.



Capstone from 3 domains like e-commerce, banking, customer service and 14+ projects



Simplilearn's JobAssist helps you get noticed by top hiring companies <India and US only>



Get mentored and network with Business Analyst from Amazon and Google



Learn AI-powered Business Analysis leveraging ChatGPT and Google Bard

About the Post Graduate Program in Business Analysis in Partnership with Purdue University

Purdue University, a top public research institution, offers higher education at its highest proven value. Committed to student success, Purdue is changing the student experience with a greater focus on faculty-student interaction and creative use of technology.

This Post Graduate Program in Business Analysis in partnership with Purdue University will open pathways for you in the Business Analysis domain. It relates to virtually every realm of business—from banking to eCommerce to healthcare.

Upon completing this program, you will receive a certificate from Simplilearn in collaboration with Purdue University.



About Simplilearn

Simplilearn is the world's #1 online bootcamp provider that enables learners through rigorous and highly specialized training. We focus on emerging technologies and processes that are transforming the digital world, at a fraction of the cost and time as traditional approaches. Over one million professionals and 2000 corporate training organizations have harnessed our award-winning programs to achieve their career and business goals.

Become a new age Business Analyst using ChatGPT and Google Brand

AI-Powered Business Analysis: Step into the future of business analysis!

- ✓ Gain fresh perspectives and broaden analytical thinking
- ✓ Leverage AI for accurate fact-checking and reliable insights in business analysis
- ✓ Access vast knowledge resources with Bard for industry research and knowledge acquisition
- ✓ Streamline requirement gathering and documentation processes with ChatGPT and Bard
- ✓ Optimize business operations through expert guidance in data modeling, process modeling, and user story creation with AI



ChatGPT



GBard

Program Eligibility Criteria and Application Process

To enroll in the program, you must apply for admission.

Eligibility Criteria

For admission to this Post Graduate Program in Business Analysis candidates :

- ✔ Should have bachelor's degree in any discipline with an average of 50% or higher marks
- ✔ Can be from programming or non-programming background
- ✔ At least two years of professional experience

Application Process

The application process consists of three simple steps.

STEP 1

SUBMIT AN APPLICATION

Complete the application and include a brief statement of purpose. The latter informs our admissions counselors why you're interested and qualified for the program.

STEP 2

APPLICATION REVIEW

A panel of admissions counselors will review your application and statement of purpose to determine whether you qualify for acceptance.

STEP 3

ADMISSION

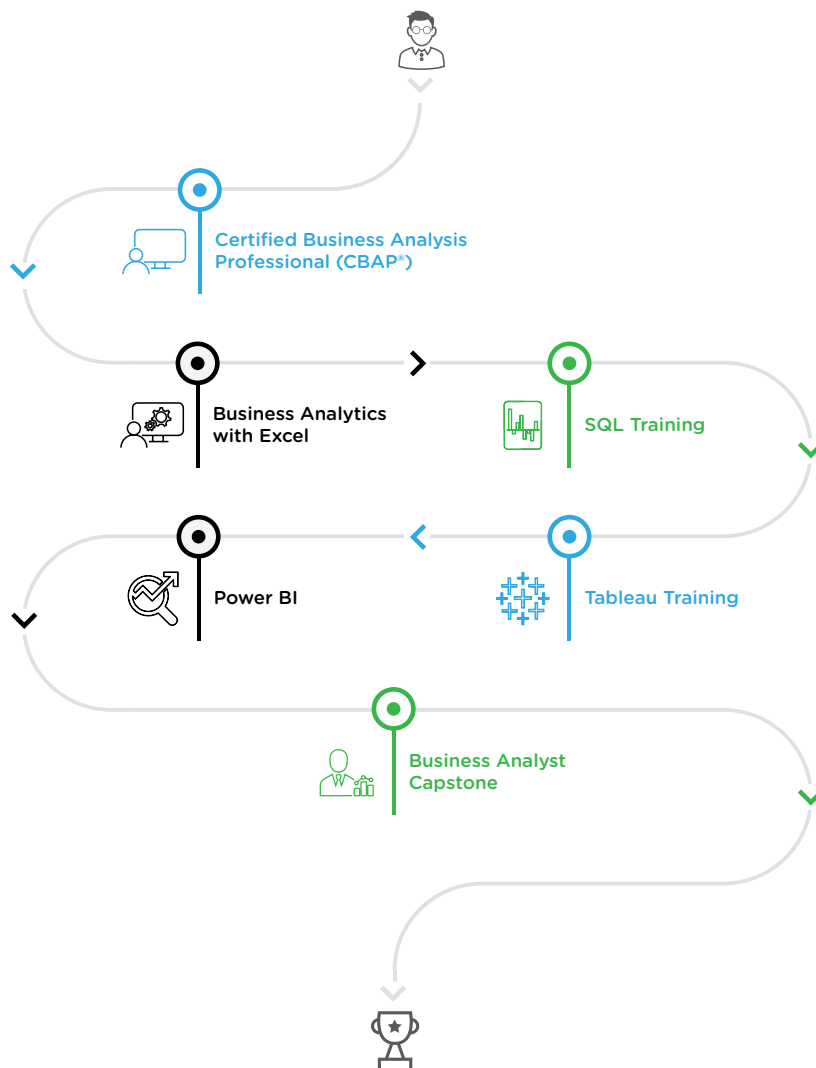
An offer of admission will be made to qualified candidates. You can accept this offer by paying the program fee.



Talk to an Admissions Counselor

We have a team of dedicated admissions counselors to guide you through the process. They'll address questions, assist with financial aid, and give you a better overall understanding of the program.

Learning Path



Electives

- > Purdue University Business Analysis Masterclass
- > Agile scrum master
- > Data Science with R
- > Digital Transformation Course for Leaders
- > Masterclass by Business Analysis Industry Leaders
- > AI-Powered Business Analysis

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 visualize data using Tableau and Power BI and become proficient in building interactive dashboards



Master the Agile Scrum project management approach



Apply the fundamentals of data science using R



Gain expertise in Agile Scrum methodologies, Agile Scrum applications, Daily Scrum synchronization, Sprint planning, and review

Program Outcomes



Understand Business Analysis Key Concepts and Business Analysis Core Concept Model (BACCM)



Plan, execute, monitor and track Scrum projects



Absorb Agile philosophy and gain deep knowledge of Scrum



Effectively apply Scrum in your organizations



Understand essential statistical concepts and SQL concepts



Leverage ChatGPT and Google Bard to enhance productivity, streamline workflows, and effectively utilize their time in conducting business analysis



Who Should Enroll in this Program?

This program caters to graduates in any discipline and working professionals from diverse backgrounds. Candidates need not have any prior experience to enroll for this program.

The program is best suited for individuals seeking the following careers:

- ✓ Aspiring Business Analysts - including recent college graduates and those looking for a career change.
- ✓ Other positions that are performing business analysis duties such as administrators,
- ✓ Managers and project leads
- ✓ IT professionals
- ✓ Project managers
- ✓ Banking and finance professionals
- ✓ Marketing managers
- ✓ Sales professionals
- ✓ Supply chain network managers

Certified Business Analysis Professional (CBAP®)

Endorsed Education Provider 

This CBAP certification training lets you master the highest skills of business analysis, including advanced documentation, effective planning, and the design of business solutions. This course also covers the core concept model of business analysis and the six knowledge areas of the BABOK® Guide Version 3. It all prepares you to pass 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 01 - Introduction to CBAP certification
- ✓ Lesson 02 - Introduction to BABOK V3
- ✓ Lesson 03 - Business Analysis Planning and Monitoring

- ✓ Lesson 04 - Elicitation and Collaboration
- ✓ Lesson 05 - Requirements Life Cycle Management
- ✓ Lesson 06 - Strategy Analysis
- ✓ Lesson 07 - Requirements Analysis and Design Definition
- ✓ Lesson 08 - Solution Evaluation
- ✓ Lesson 09 - Agile Perspective
- ✓ Lesson 10 - Business Intelligence Perspective
- ✓ Lesson 11 - Information Technology Perspective
- ✓ Lesson 12 - Business Architecture Perspective
- ✓ Lesson 13 - Business Process Management Perspective

Business Analytics with Excel

This course will elevate your analytics career by providing you with powerful Microsoft Excel skills. You will learn fundamental principles of data analysis and statistics, enabling you to make data-driven decisions. Gain the skills needed to analyze data effectively and make informed business decisions.

Key Learning Objectives

- ✓ Gain a comprehensive understanding of business analytics principles and their practical applications in decision-making processes.
- ✓ Develop proficiency in data cleaning, preparation, and manipulation techniques to ensure data accuracy and reliability.
- ✓ Master the use of Excel functions, formatting, and conditional formatting to enhance data visualization and analysis.
- ✓ Acquire advanced skills in creating and analyzing pivot tables to summarize and extract insights from complex datasets efficiently.
- ✓ Apply statistical techniques and data analysis methods to solve real-world business problems and make data-driven decisions.

Course curriculum

- ✓ Lesson 01 - Course Introduction
- ✓ Lesson 02 - Introduction to Business Analytics
- ✓ Lesson 03 - Data Cleaning and Preparation

- ✓ Lesson 04 - Formatting, Conditional Formatting and Important Functions
- ✓ Lesson 05 - Analyzing Data with Pivot Tables
- ✓ Lesson 06 - Dashboarding
- ✓ Lesson 07 - Business Analytics With Excel
- ✓ Lesson 08 - Data Analysis Using Statistics
- ✓ Lesson 09 - Using Macros for Analytics

SQL Training

This course gives you the information you need to successfully start working with SQL databases and make use of the database in your applications. Learn the concepts of fundamental SQL statements, conditional statements, commands, joins, subqueries, and various functions to manage your SQL database for scalable growth.

Key Learning Objectives

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

Course curriculum

- ✓ Lesson 01 - Introduction to SQL
- ✓ Lesson 02 - Database Normalization and Entity Relationship (ER) Model
- ✓ Lesson 03 - Installation and SetUp
- ✓ Lesson 04 - Working with Database and Tables
- ✓ Lesson 05- Working with Operators, Constraints and Data Types
- ✓ Lesson 06 - Functions in SQL
- ✓ Lesson 07 - Subqueries, Operators and Derived Tables in SQL
- ✓ Lesson 08 - Windows Functions in SQL
- ✓ Lesson 09 - Working with Views
- ✓ Lesson 10 - Stored Procedures and Triggers in SQL
- ✓ Lesson 11 - Performance Optimization and Best Practices in SQL

Power BI

Microsoft Power BI is a suite of tools that let you build interactive dashboards. These dashboards help you analyze data and extract business insights. This Power BI training course will help you get the most out of Power BI, enabling you to solve business problems and improve operations.

Key Learning Objectives

- ✓ Understand Power BI concepts like Microsoft Power BI desktop layouts, BI reports,
- ✓ dashboards, and Power BI DAX commands and functions
- ✓ Gain a competitive edge in creating customized visuals and deliver a reliable analysis of vast amount of data using Power BI
- ✓ Form relationships in your data model and learn data visualization best practices

Course curriculum

- ✓ Lesson 01 - Course Introduction
- ✓ Lesson 02 - Get Data From Different Data Sources
- ✓ Lesson 03 - Profile The Data
- ✓ Lesson 04 - Clean Transform and Load the Data
- ✓ Lesson 05 - Design a Data Model
- ✓ Lesson 06 - Develop a Data Model
- ✓ Lesson 07 - Optimize Model Performance
- ✓ Lesson 08 - Create Reports
- ✓ Lesson 09 - Create Dashboards

- ✔ Lesson 10 - Enhance Reports to Expose Insights
- ✔ Lesson 11 - Perform Advanced Analysis
- ✔ Lesson 12 - Manage Datasets

Tableau Training

This Tableau course helps you understand how to build visualizations, organize data, and design charts and dashboards to empower more meaningful business decisions. You'll be exposed to the concepts of Data Visualization, different combo charts, and stories, working with filters, parameters, and sets, and building interactive dashboards.

Key Learning Objectives

- ✓ Become an expert on visualization techniques such as heat map, treemap, waterfall, Pareto
- ✓ Understand metadata and its usage
- ✓ Work with Filter, Parameters, and Sets
- ✓ Master special field types and Tableau-generated fields and the process of creating and using parameters
- ✓ Learn how to build charts, interactive dashboards, story interfaces, and how to share your work
- ✓ Master the concepts of data blending, create data extracts and organize and format data
- ✓ Master arithmetic, logical, table, and LOD calculations

Course curriculum

- ✓ Lesson 01 - Getting Started with Tableau
- ✓ Lesson 02 - Core Tableau in Topics
- ✓ Lesson 03 - Creating Charts in Tableau
- ✓ Lesson 04 - Working with Metadata
- ✓ Lesson 05 - Filters in Tableau
- ✓ Lesson 06 - Applying Analytics to the worksheet
- ✓ Lesson 07 - Dashboard in Tableau
- ✓ Lesson 08 - Modifications to Data Connections
- ✓ Lesson 09 - Introduction to Level of
- ✓ Details in Tableau (LODS)



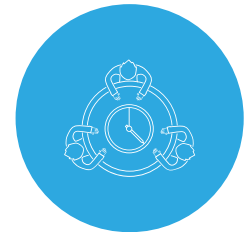
Business Analyst Capstone

This Business Analyst capstone project will let you apply the skills you learned in this program. Through dedicated mentoring sessions, you'll learn how to solve a real-world, industry-aligned problem in business analysis. This project is the final step in the learning path, and it will demonstrate to employers your expertise in Business Analysis.

Elective Course

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.



Data Science with R

This course enables you to take your data science skills into a variety of companies, helping them analyze data and make more informed business decisions. The course covers data exploration, data visualization, predictive analytics, and descriptive analytics techniques with the R language. Learn about R packages, how to import and export data in R, data structures in R, various statistical concepts, cluster analysis, and forecasting.



Digital Transformation Course for Leaders

Learn to leverage digital technologies to transform your business strategies and objectives with this course. Our course is designed to help you build a solid action plan, foster customer-focused innovation, and drive a digital culture in your organization.



Elective Course

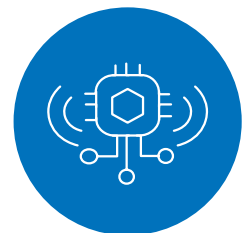
Purdue University Business Analysis Master Class

Attend an online interactive Masterclass and get insights into the world of Business Analysis.



AI-Powered Business Analysis

Explore how to harness the power of ChatGPT and Google Bard to enhance productivity, streamline workflows, and effectively utilize their time in conducting business analysis. This program aims to empower business analysts by equipping them with the necessary knowledge and skills to seamlessly integrate ChatGPT and Bard into their everyday work practices.



Masterclass by Business Analysis Industry Leaders

Attend this online interactive industry master class to gain insights about Business Analyst Trends from top Business Analysis Industry Experts.



Arpit Saxena

Business Analyst

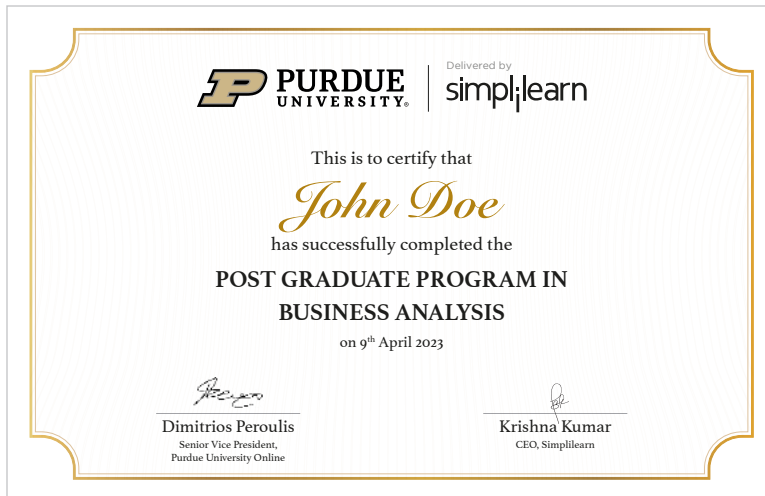


Anshul Srivastava

Business Analyst II



Certificate



Upon completion of this Post Graduate Program in Business Analysis in partnership with Purdue University, you will receive the program completion certificate from Simplilearn in collaboration with Purdue University. You will also receive certificates from Simplilearn for the courses in the learning path. These certificates will testify to your skills as a Business Analyst Expert.

Program Endorsers



Dr. Zhiwei Zhu

Clinical Assistant Professor at Krannert School of Management, Purdue University

With over 15 years of experience leading business analytics functions at global reinsurance companies, Dr. Zhu now uses his wealth of knowledge and business-relevant experience to provide analytics training to future business leaders at Purdue University's Krannert School of Management.



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All programs are offered on a non-credit basis and are not transferable to a degree.