

Data Analytics Bootcamp

Become a Data Analyst for the AI Economy — Learn Analytics, AI Workplace Skills & Career Readiness

About Vijay Computer Academy



Vijay Computer Academy (VCA) is a GLOBAL Workforce Transformation Institution empowering learners to transform their future through technology education, workforce-ready skills, employer-aligned career training, industry-recognized IT certifications, and workforce-funded career pathways.

For over 35 years, VCA has helped beginners, career changers, and aspiring professionals build confidence, develop job-ready skills, and access meaningful opportunities in today's evolving digital and AI-driven economy.

Program Highlights



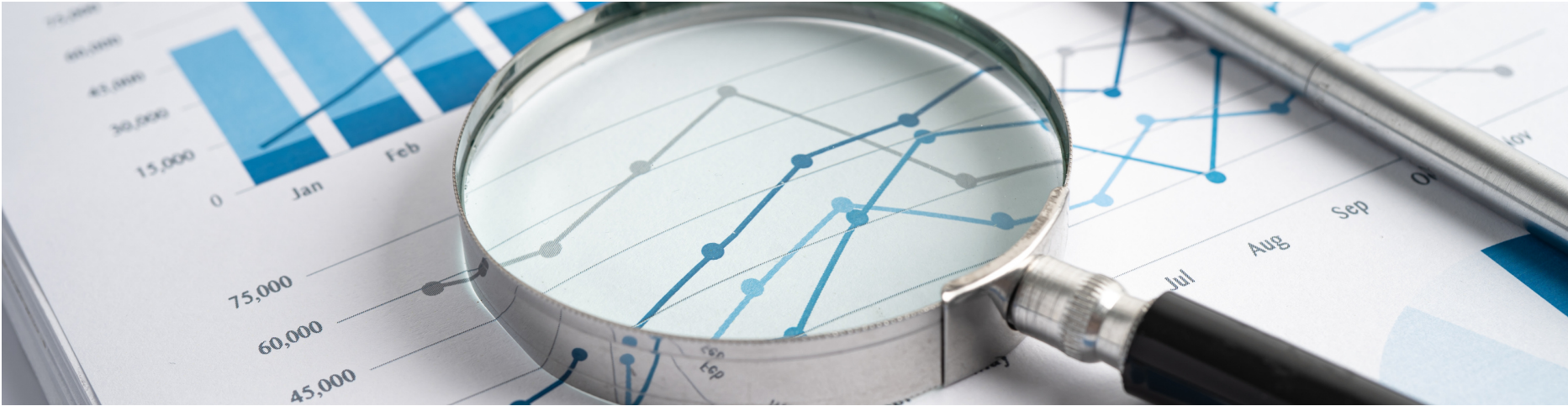
Vijay Computer Academy's Data Analytics Bootcamp is a 24-week, instructor-led online program designed to prepare individuals for entry-level careers in data analytics and business intelligence. Participants gain hands-on experience with data analysis, SQL, Python, databases, spreadsheets, and data visualization tools while also developing AI productivity and career readiness skills. The program equips learners with the practical knowledge and workplace competencies needed to succeed in today's data-driven and AI-enabled workforce.

- **Beginner-first design:** Starts with the very basics of computers and gradually builds up.
- **Flexible schedule:** Morning and evening classes, Monday to Thursday, 1-2 hours per day
- **Format:** Live, instructor-led online classes offered over Zoom
- **Tools:** Excel, SQL (Oracle), Python, Power BI, Tableau.
- **Capstone Project:** Students apply everything learned to a real-world analysis project.
- **Career Support:** AI powered career support resources.
- **NEW:** AI Workplace Productivity & Career Readiness Program Included

Duration: 24 Weeks (240 Hours) (6 months)

Prerequisite:

- No prior IT skills or tech experience required
- Working knowledge of English language is required



Program Curriculum

Module Name	Hours
Computer Fundamentals & MS Windows	10
Basic Excel for Data Analysis	20
Advanced Excel for Data Analysis	20
Databases, Oracle & SQL Basics	20
Advanced SQL for Data Querying	20
Power BI for Data Visualization	40
Tableau for Data Visualization	35
Introduction to Python	25
Data Analytics Through Python	20
AI Workplace Productivity & Career Readiness	30

Module Description

1. Computer Fundamentals & MS Windows

Learn how to use a computer confidently, navigate MS Windows, manage files, and understand basic system tools—perfect for absolute beginners.

2. Basic Excel for Data Analysis

Get hands-on with Excel basics like formatting, formulas, charts, and simple data analysis tools to organize and make sense of data.

3. Advanced Excel for Data Analysis

Take your Excel skills further with pivot tables, advanced formulas, data cleaning techniques, and Excel-based dashboards.

4. Databases, Oracle & SQL Basics

Understand how data is stored in databases, and learn to write simple SQL queries using Oracle to access and manipulate data.

5. Advanced SQL for Data Querying

Dive deeper into SQL with joins, subqueries, window functions, and performance tips to work with large and complex datasets.

6. Power BI for Data Visualization

Learn to create interactive dashboards and visual reports in Power BI to turn raw data into clear business insights.

7. Tableau for Data Visualization

Discover how to build beautiful, drag-and-drop visualizations with Tableau and share insights through engaging dashboards.

8. Introduction to Python Start coding with Python from scratch—covering syntax, data types, loops, and functions—no prior experience needed.

9. Data Analytics Through Python

Use Python libraries like Pandas, NumPy, and Matplotlib to clean, analyze, and visualize real-world datasets.

10. AI Workplace Productivity & Career Readiness

Develop practical AI skills to improve workplace productivity, communication, job readiness, and career success.

Program Outcome



- ✓ Earn Data Analytics Bootcamp Completion Certificate
- ✓ Students gain exposure to learning content aligned with the objectives of the following industry-recognized IT certifications:
 - [Tableau Desktop Specialist](#)
 - [Microsoft Office Specialist: Excel Associate \(Microsoft 365 Apps\)](#)
 - [Oracle Database 12c SQL Certified Associate](#)
 - [Microsoft Certified: Power BI Data Analyst Associate](#)
 - It also builds practical AI workplace skills and foundational AI literacy aligned with leading global programs such as DeepLearning.AI – AI For Everyone, Google AI Essentials, and IBM AI Foundations.

Please note: The program curriculum is aligned with relevant certification exam objectives; however, the program does not include dedicated exam preparation instruction, structured certification prep hours, or exam coaching.

- ✓ [Pathway to entry level job opportunities](#)
- ✓ [VCA AI-powered job search resources](#) to navigate the job market

Career Outcome

Completing an industry-aligned data analytics bootcamp and earning in-demand certifications opens the door to your IT career in data analytics, a field projected to grow 23% by 2031 (U.S. Bureau of Labor Statistics, 2023).

Entry Level Job Roles

Data Analyst	Database Administrator
Power BI Analyst	Business Analyst
Medical / Healthcare Analyst	Financial Analyst
Marketing Analyst	

Enrollment Process

- Schedule a Discovery Call**

The student contacts VCA and schedules a discovery call with an advisor.
- Choose the Right IT Program**

An advisor helps the student identify the best IT program and career pathway based on their goals. Students can also:

 - Watch recorded information sessions for detailed program insights.
 - Book a personalized career consultation by phone or Zoom to ask further questions.
- Select Payment or Funding Options**

Once the student decides on a program, VCA helps them choose and set up the most suitable tuition payment or funding plan.
- Complete Enrollment Paperwork**

While funding and payment arrangements are being finalized, VCA guides the student through the required enrollment documents.
- Receive Class Access & Begin Training**

After enrollment and payment process is complete, the student receives their Zoom class link and is ready to start training.

Contact Us



- [Inquiry Form](#)
- Book a [FREE](#) call with our admission team
- Schedule a [personalized career consultation](#)
- Call / Text / WhatsApp us at [+1-832-469-1314](#)
- [Free info sessions and trial class](#)

Transforming lives through technology!

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