



DATA

NOVA TO  
WORKFORCE

# AI & DATA ANALYTICS

## LEADING EDGE OF TECH - ONLY 1 YEAR AT NOVA!

### What is AI & Data Analytics?

**Artificial intelligence (AI)** is technology that allows computers to perform tasks that simulate human intelligence by using algorithms, data, and computational power. **Data analytics** involves looking at raw data to find patterns and insights to help an organization make better decisions, be more competitive, and provide information critical to a business's success.

### Is AI & Data Analytics For You?

Studying AI gives you versatile skill sets and opens the door to several career opportunities. It provides a comprehensive understanding of programming and engineering, to develop cutting-edge technological solutions like facial recognition software. For Data Analytics, you should have a strong understanding of math, the capability to extract insights from raw data, and the skill to present those findings clearly.



- Northern VA has a large data center infrastructure and is a prime location for a career in AI & Data Analytics.
- NOVA courses have been developed to provide students with hands-on experience in AI and big data.
- AI is generating millions of new jobs as the industry is projected to grow by 1,300% by 2030.

**NOVA** | Northern Virginia  
Community College

## Why Come to NOVA?

NOVA is one of the largest community colleges in the country, with more than 70,000 students and over 2,600 faculty and staff members. We welcome students of all ages from all backgrounds with the goal of ensuring **every student succeeds, every program achieves, and every community prospers**. NOVA is the largest supplier of tech talent in the country and has exceptional educational value: Yearly tuition is less than \$6,000 and there are scholarship opportunities to offset the already low cost.

Stay on the leading edge of technology with NOVA's Career Studies Certificate in **Information Systems Technology: Artificial Intelligence and Data Analytics** - equipping you with comprehensive curriculum and preparing you for industry certifications.

## AI & Data Analytics at NOVA

The AI & Data Analytics program at NOVA trains you to collect, analyze, and present data.

**NOVA's 1-Year Career Studies Certificate (C.S.C.)** equips you to start your career in AI & Data Analytics with courses like Python Programming, Machine Learning I, and Advanced Database Management. You'll develop verbal and written communication skills through practical exercises and speech training, ensuring you can effectively convey ideas and strategies in a professional setting. This program is also ideal for specialists who want to upgrade their current digital data analytics skills.

You'll be prepared to take certification exams: CompTIA Data+, Microsoft Certified: Data Analyst Associate, and Google Data Analytics Certificate.

## Interested? Next Steps:

Check out NOVA's AI & Data Analytics Webpage:  
>> <https://bit.ly/NOVAAlandData>

Talk to a NOVA IET (Information and Engineering Technologies) Advisor at [ietadvising@nvcc.edu](mailto:ietadvising@nvcc.edu)

APPLY TO NOVA >> <https://www.nvcc.edu>

Check out your financial aid options at NOVA:  
>> <http://bit.ly/NOVAFinAid>

See if you are eligible to receive college credit for learning gained in nontraditional ways with Credit for prior learning (CPL):  
>> <https://www.nvcc.edu/admissions/cpl.html>

Apply to the WIOA YOUTH PROGRAM, which provides career coaching/mentorship, FREE skills training, PAID work experience, internships, and more:  
>> <https://vcwnorthern.com/wioayouth/>

Data Analyst  
**SALARY National Avg/Year**  
**\$57,818**

ZipRecruiter 2024. Average yearly salary HIGHER in Northern Virginia.

Apply To NOVA

NOVA's AI/Data Page

IET Newsletter

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