

# FinTech Summer Program NYC (High School)

Prepare for a career in finance and technology by learning Microsoft Excel, finance, stock market investing, and Python for data science.

Group classes in NYC and onsite training is available for this course. For more information, email [hello@nextgenbootcamp.com](mailto:hello@nextgenbootcamp.com) or visit: <https://www.nextgenbootcamp.com/certificates/fintech-summer-program>



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## Course Outline

This package includes these courses

- Excel, Finance, & Investing Summer Program NYC (High School) (25 Hours)
- Python Data Science & AI Machine Learning Program NYC (High School) (45 Hours)

## Excel, Finance, & Investing Summer Program NYC (High School)

Gain a competitive edge in business and finance with this in-person summer program designed for high school students.

Through hands-on training in Microsoft Excel and real-world case studies, students will learn to analyze financial data, evaluate companies, and understand the principles behind investing and corporate finance.

- Build beginner-to-advanced Excel skills, including formulas, Pivot Tables, and macros
- Analyze financial data and company earnings using Excel-based modeling techniques
- Learn core investment principles, including stock fundamentals, valuation, and risk
- Understand financial statements and how they work together in real-world scenarios
- Explore accounting concepts like EBITDA, depreciation, and cash flow analysis
- Perform corporate valuation and decide whether a company is a good investment

## Python Data Science & AI Machine Learning Program NYC (High School)

In this program, high school students will explore the world of Python programming, data science, and machine learning through hands-on training in NYC. From writing code to building visualizations and predictive models, this course offers a comprehensive foundation in tech-driven problem solving.

- Learn Python fundamentals including data types, conditionals, loops, and functions
- Manipulate and clean real-world data using Pandas and NumPy
- Read, write, and process files while working with string methods and structured data
- Visualize data with Matplotlib by creating custom charts, histograms, and plots

- Explore machine learning techniques such as linear regression, classification, and K-nearest neighbors
- Complete a capstone project that demonstrates your ability to analyze and present data insights