

FinTech Program Online (Self-Paced with Mentoring)

Learn Microsoft Excel, finance, stock market investing, and Python for data science in this interactive, live online summer course for high school students.

Group classes in Live Online and onsite training is available for this course. For more information, email corporate@nobledesktop.com or visit: <https://www.nextgenbootcamp.com/certificates/fintech-program-online>



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Course Outline

This package includes these courses

- Excel, Finance, & Investing (Self-Paced with Mentoring) (25 Hours)
- Python Data Science & AI Machine Learning (Self-Paced with Mentoring) (45 Hours)

Excel, Finance, & Investing (Self-Paced with Mentoring)

- 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 assess whether a company is a good investment.

Python Data Science & AI Machine Learning (Self-Paced with Mentoring)

In this self-paced online program, high school students will explore Python programming, data science, and machine learning. From coding to building visualizations and predictive models, this course provides a strong foundation in tech-driven problem-solving.

- Master Python fundamentals like data types, conditionals, loops, and functions.
- Clean and manipulate real-world data using Pandas and NumPy.
- Process files, utilize string methods, and handle structured data.
- Create custom charts, histograms, and plots with Matplotlib.
- Apply machine learning techniques such as linear regression, classification, and K-nearest neighbors.
- Complete a capstone project to showcase your ability to analyze and present data insights.