

Data

Analytics

Bootcamp

@ Civic Hall



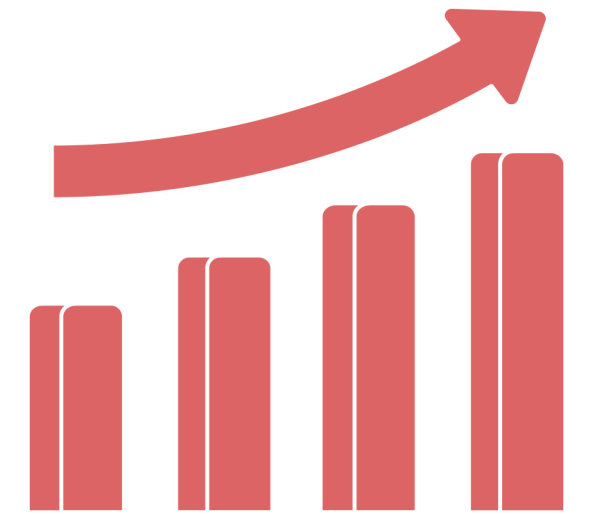
**Continuing
Education**





LaGuardia Data Analytics Bootcamp @ Civic Hall

6 weeks of full-time training, combining technical and career readiness skills, culminating with a final capstone presentation which will be reviewed by Data School recruiters for admittance to their apprenticeship cohort starting December 2025.





The Data School

First NYC Registered Apprenticeship Program in Data Analytics to be certified by NYSDOL in January, 2025.

Pays \$60,000 for the first 1.5 years of the contract and \$65,000 for the last year of the contract

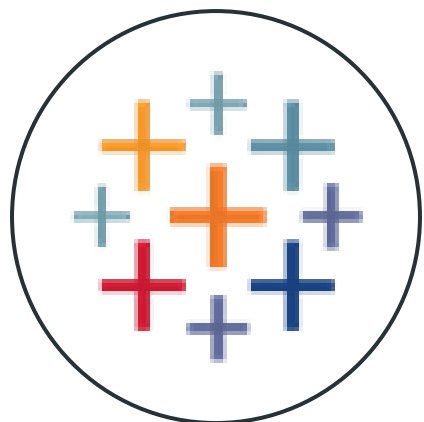
Incorporates paid work with on-the-job training.

Course Content



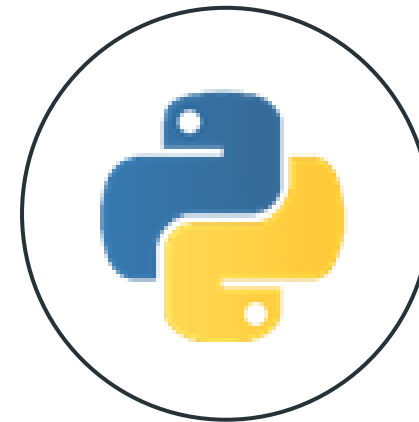
Data, Databases & SQL

Gather, import data with SQL -from simple to complex queries.



Data Visualization with Tableau

Create visualizations to present data in a meaningful way using Tableau.



Python for Data Analytics

Python as the primary programming language for data analysis.



Capstone Projects

Create your own analysis for a topic of choice using all tools learned in class.

Sample Topics

SQL

- Orientation, Intro to Data Analytics
- Setup, Intro to Data and Databases (SQL)
- Select, Where, Distinct, Count, Limit, Between, In
- Count, Limit, Between, In
- Groupby and Having
- Joins and Unions
- Timestamps
- Subquery and Selfjoin
- Creating Tables
- Inserting into Tables
- Datacamp
- One to Many Relationships

Python

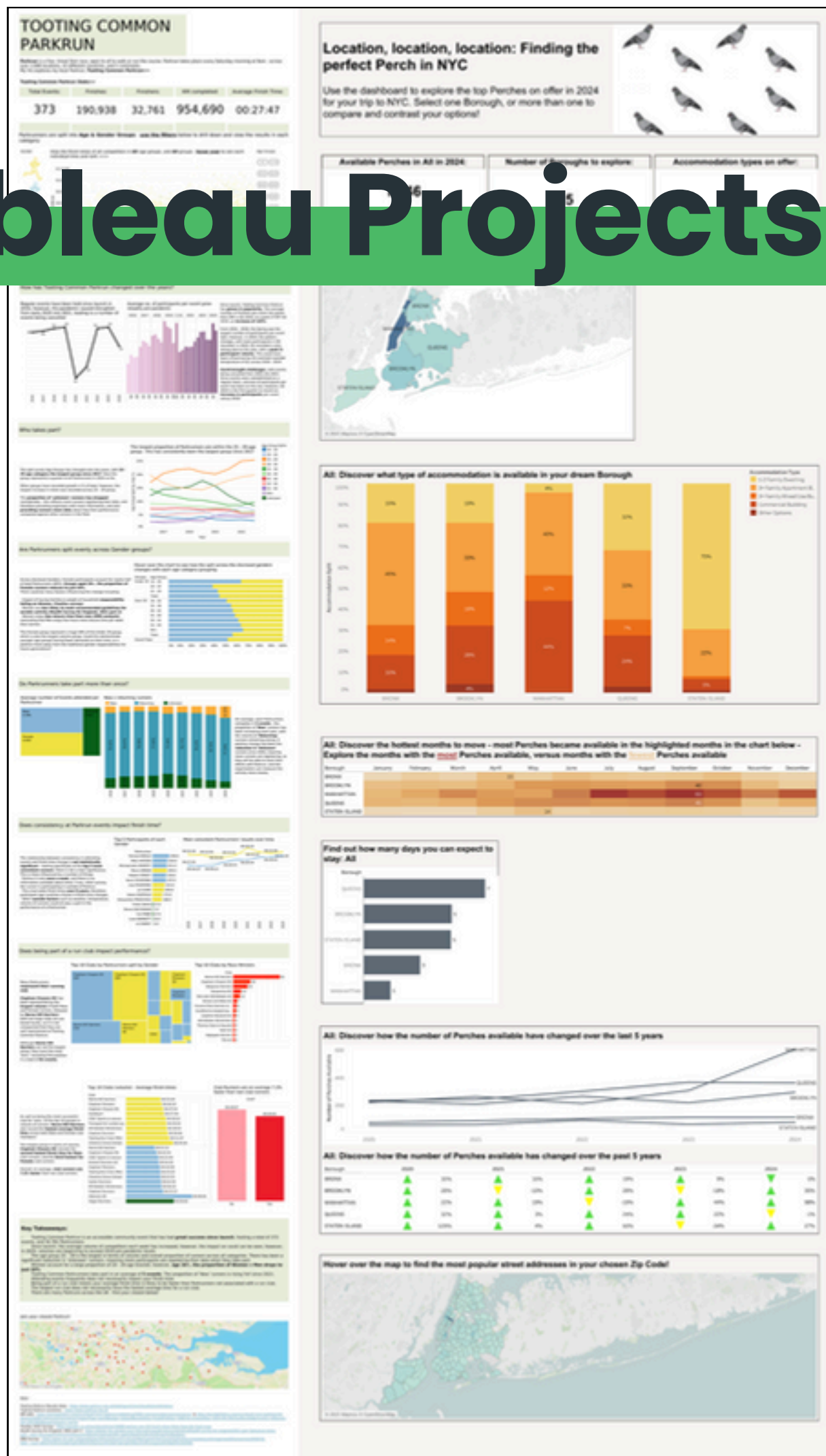
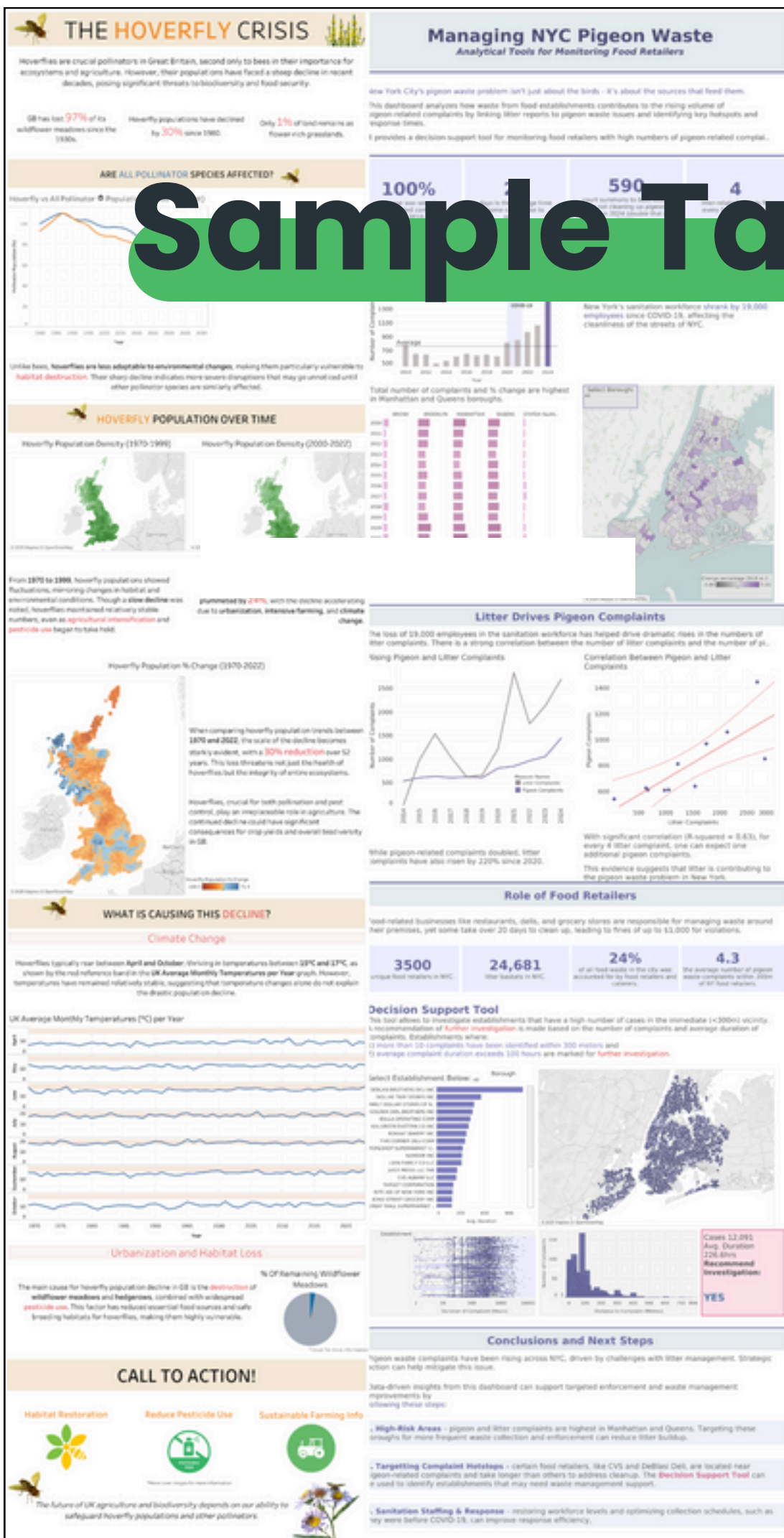
- Intro to Programming (Python Programming)
- Variables and Data Types
- Lists
- Looping
- If Statements
- Dictionaries and While Loops
- Functions
- Datacamp
- Python Project 1
- Intro to Data and Analytics (Python for Data Analytics)
- Intro to Data and Analytics, Pandas
- Data Wrangling
- Visualizations
- Python Project 2
- Probability
- Python Project 3
- Data Collection and Strategies
- Python Project 4
- Linear Regression
- Datacamp

Tableau

- Basics and Data to Ink Ratio (Tableau)
- Data to Ink Ratio, Aggregation
- Aggregation
- Dashboard Design
- Joins and Blending
- Advanced Joins and Blending
- Tableau Project 1
- Interactivity in Dashboards
- Stories in Tableau
- Advanced Calculations
- Tableau Project 2

Capstone

- Selection and Methodologies (Capstone Project)
- Selection and Methodologies, Project Development



Career Readiness



**Craft Your
Tech
Resume**



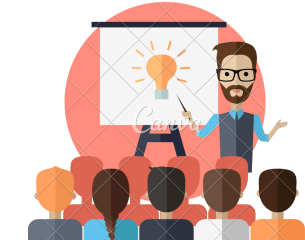
**Interview
Like A Pro**



**Q&A with
Data School
Recruiters**



**1 on 1
Career
Counseling**

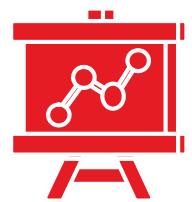


**Networking
and
Presenting**

Purpose of the Program



Provide training in data analytics at no cost to community members.



Build career pathway directly from training to employment opportunity



Prepare community members to apply to the Registered Apprenticeship Program at The Data School.



Focus on opportunities to future-proof careers with in demand skills.

Eligibility

- Job seekers
- GED
- Annual income less than \$55,000/yr
- Authorized to work in US
- If selected, available to start a paid full-time, 28-month apprenticeship with the Data School starting December 2025



Schedule/Hours

Days:

☐ Monday – Friday

Hours:

☐ 9:00AM – 4:00PM

Start Date:

☐ August 18, 2025

End Date:

☐ September 26, 2025

180

Hours of Class Instruction

100%

In Person

35

Hours Per Week

30

Sessions

Application Timeline

June 18-July 9

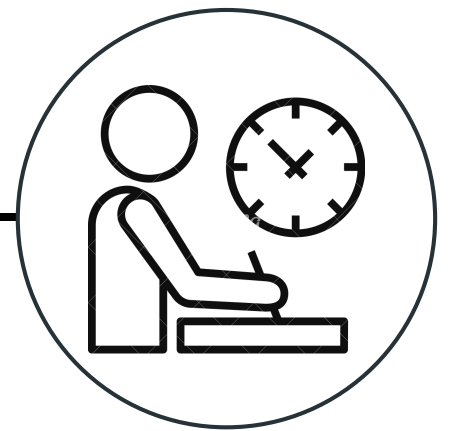
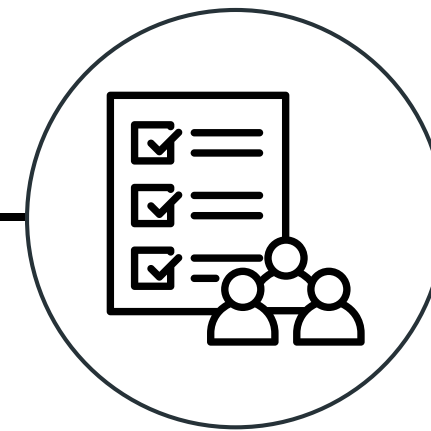
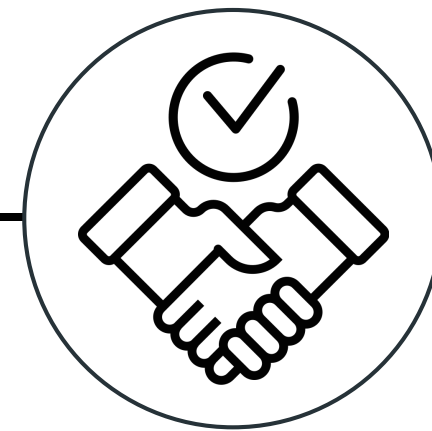
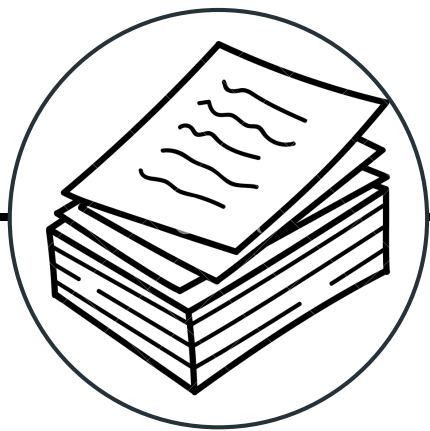
Application open

July 15-29

Interviews

August 11

In person prep day



July 14

Required documents due:

- GED/HS diploma
- Technical exam
- Work authorization
- Proof of income

July 31

Acceptance offers sent

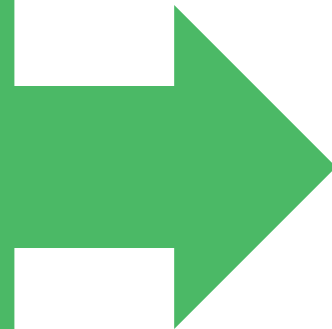
August 18

Class start date

Application Process

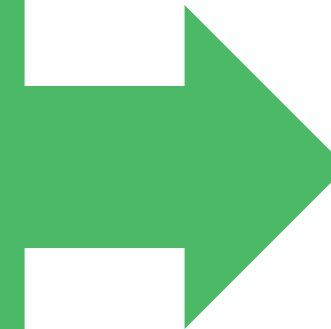
Step 1

Applicants will submit an initial interest form with short essay questions to assess interest and motivation.



Step 2

Applicants whose scores qualify them to move to the next round will be asked to submit additional documentation and an excel-based technical exercise.



Step 3

Applicants whose technical exercise qualify them to continue will have a final interview scheduled with the program staff.

FAQs

Are full-time students eligible?

No, participants must be available full-time to attend the program and will applying for a full-time employment opportunity at the conclusion of the program.

What technical skills are required to be accepted?

All participants must take a short technical exam utilizing basic excel skills. No other prior data analytics experience is required.

What happens if a participant is not accepted at the Data School?

Participants who are not selected for the Data School apprenticeship will continue working one-to-one with an employment specialist to help match them with opportunities in their chosen sector.

Do students earn a credential in this program?

All participants who complete the program will earn a LaGuardia Certificate in Data Analytics.

Will this opportunity be offered again?

Yes, there will be another cohort available starting on January 5, 2026 and ending on Febuary 13, 2026.