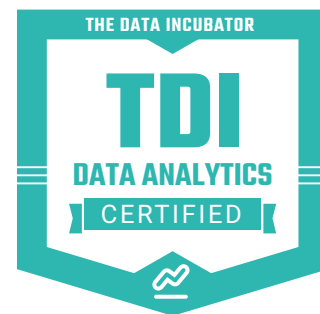


# The Data Incubator



## Data Analytics Program

The Data Analytics Program from The Data Incubator is an intensive, hands-on, business-focused bootcamp that gives working professionals and students the skills they need to fill critical skills gaps in major organizations. This program was developed to give students the in-demand skills needed to better utilize and understand its data. Students will learn how to wrangle and clean data using Python, perform processes using SQL, effectively communicate and present data to key stakeholders, and will be introduced to machine learning.

## Program Outline

Get hands-on, business-focused data analytics training from expert instructors, and career services to help you find your dream job in data. The part-time program lasts for 20 weeks, Tuesdays and Thursdays from 7:00 PM ET - 9:30 PM ET. Expect to spend 10 hours per week working outside of class. The full-time program lasts for 8 weeks, Monday-Friday, 9:00 AM ET - 5:00 PM ET. Expect to spend 40 hours per week on the program. Office hours are available each week.

Module	Topic
1	<b>Python for Data Analysis</b> Review the basics of Python and learn how to use it to ingest data in common formats like CSV, JSON and XML. Work with common NumPy and matplotlib packages.
2	<b>Data Wrangling with pandas</b> Learn how to use pandas to begin processing data, distill key insights and trends, and turn that information into clear, business-focused visualizations.
3	<b>SQL</b> Learn how to use SQL to process data more quickly and efficiently. Starting with the basic syntax of the language, you will learn how to filter, aggregate and join data and integrate SQL queries into a Python analysis.
4	<b>Data Communications with Tableau</b> Learn to communicate and present insights to a general audience using Python plotting tools and business intelligence platforms. Best practices for presenting clear visuals with a compelling story will allow your reports to stand out.
5	<b>Regression with Scikit-learn</b> Learn the basics of machine learning with a focus on linear and logistic regressions. You will use tools like Scikit-learn pipelines to automate their machine learning workflow.
6	<b>Classification and Unsupervised Learning</b> Understand the power and limitations of machine learning, and become well-positioned to move on to more advanced machine learning models with Scikit-learn experience.

For a more detailed outline, visit [TheDataIncubator.com/data-analytics.html](https://TheDataIncubator.com/data-analytics.html)

## Skills and Programs



## Career Services

To help you find a job as a data analyst, we include a robust career services program.

### Resume Review

Our career experts review your resume and cover letter to position your experience in the right light to appeal to employers.

### Interview Coaching

Work closely with our career experts to hone your interviewing skills so you can put your best foot forward during every interview.

### Hiring Partners

We work closely with a number of organizations in a wide variety of industries to place our candidates in their exciting open positions.



# The Data Incubator

A Pragmatic Institute Company

Learn more by visiting:  
[TheDataIncubator.com](https://TheDataIncubator.com)

