

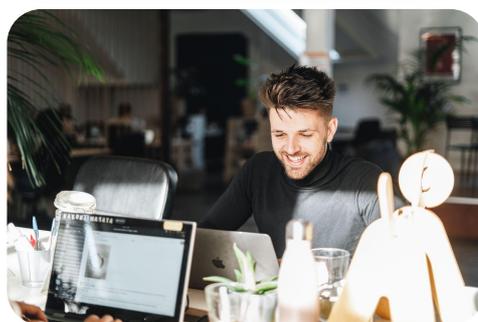
Data analytics with Python bootcamp

Designed for professionals aiming to excel in data analysis for business, our bootcamp focuses on practical skills in data handling and visualization.



N°1

Ranked best tech training
5200+ student reviews





Funded by
UK Government



A UK Government & Le Wagon partnership

In 2024, the UK government chose Le Wagon for Business to upskill British employees in data analytics with Python.

The program pledges to **cover 70-90% of the fee** for our part-time Data Analytics with Python bootcamp.

Secure your seats now.

Company Size	UK Government subsidy	To be paid by your company
Up to 250 employees	90% (3 715,2£)	10% (412,8£)
250+ employees	70% (2 889,6£)	30% (1 238,4£)



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Get the most sought-after data skills in just 16 weeks (part-time)

Master Python for data analysis, from basics to visualization and automation. Learn SQL and database management, and enhance problem-solving skills through practical projects and automation, all aimed at turning data into actionable insights.

Who is the training for?

- ✓ **Business analytics teams** seeking to transition to Python and handle large data volumes for deeper insights.
- ✓ **Ops teams** who want to improve productivity by automating resource management.
- ✓ **Finance teams** who want to maximize their investments and identify growth opportunities

Bootcamp details

- ✓ 16-week program
- ✓ 100% online
- ✓ Every Tuesday & Thursday, 6-9pm
- ✓ 1 x Saturday 9-6pm per month

Join Le Wagon, the most acclaimed tech training in the world!

25 000+

participants worldwide

1,000+

Partners

#1

1st-ranked bootcamp

4.98/5

5,200+ student reviews on Switchup, Course Report and Career Karma

 switchup

 COURSE REPORT

 CAREER KARMA.



le wagon
for business



Our pedagogy

Method of the 1st ranked bootcamp

Le Wagon is the only Data training organization where your employees learn on your own data and on content contextualized to your company.



Excellence in just a few weeks

Your employees get immediately usable skills thanks to 100% live and cohort-based learning. But most importantly, practical: 80% of the bootcamp consists of application.

They learn from the best experts in Data & Tech: they provide you personalized one-on-one support and each employee's progress is monitored in real time.



A real human experience

Let your people embark on a unique experience filled with challenges and mutual support with all of the other participants in your training.



Leverage employees' full potential in data skills to enhance performance in your mission

Curriculum

✓ **Part-time:** Tuesday & Thursday, 6-9pm | Saturday 9-6pm once a month

Preparation work | Self-paced, online

 **20 hrs**

We recommend participants to gain a solid understanding of Python programming fundamentals before starting the program, from data types to control structures and functions, ensuring a strong foundation for the bootcamp.

Get everything about Python & Data

 **1 day**

Dive into Python for Data Analysis, covering environment setup, basic syntax, and core data structures like lists and dictionaries, through lectures and hands-on workshops

- Introduction to Python
- Hands-on workshop

Python library for analysis

 **2 days**

Dive into Python for Data Analysis with a focus on manipulating and visualizing data using key libraries.

- Master data wrangling and visualization with Pandas, Matplotlib, and a quick intro to Seaborn and Plotly.
- Gain hands-on experience with Jupyter, Pandas Series and DataFrames, and NumPy operations.
- Learn through practical workshops, enhancing skills in data manipulation and crafting insightful visual stories.

SQL & relational databases for analysis

 **2 days**

Discover SQL and Relational Databases' critical role in data analysis, mastering data extraction, manipulation, and advanced querying techniques.

- Basics of SQL and relational database importance.
- Writing queries for data extraction, filtering, and aggregation.
- Advanced SQL techniques, including joins and subqueries.
- Hands-on workshops for practical SQL application.

Curriculum

✓ **Part-time:** Tuesday & Thursday, 6-9pm | Saturday 9-6pm once a month

Data cleaning and preparation

 **2 days**

Master data cleaning and preparation: learn to improve data quality, tackle common issues, and transform data for analysis.

- Handle missing values and data transformation.
- Explore open dataset and organize analytics projects.
- Learn data sourcing from APIs, CSVs, web scraping and SQL queries.
- Master merging, concatenating, joining datasets with Pandas.
- Set up projects, cleaning datasets, and data transformation techniques through hands-on workshop.

Advanced data exploration, statistics, analysis

 **3 days**

Deepen your understanding and hands-on skills in statistical methodologies, linear and logistic regression, and data distributions.

- Grasp advanced statistical analysis and probability theory applications.
- Dive into linear regression, exploring its motivations, applications, and multivariate aspects.
- Understand logistic regression for predicting binary outcomes and evaluating performance.
- Participate in workshops for practical experience in applying these techniques to real-world datasets.

Advanced data analysis techniques

 **2 days**

Dive deep into advanced data analysis over 16 hours, mastering machine learning, time series analysis, and effective communication of data insights.

- Master machine learning, time series forecasting, and clustering.
- Focus on model evaluation and effective project communication.
- Practical workshops for real-world data analysis and presentation skills.

Capstone project

 **3 days**

Admissions process & prerequisites

- ✓ Your company commits to broaden your scope after the training.

1 Submit the pre-application form

If you check all the following conditions, go to [this page](#) to pre-apply:

- You are currently employed at a company in England
- You have an A-level in math (basic math, statistics, probability)
- You are comfortable with computers including software applications like Microsoft Office?
- You are motivated to learn at a quick pace and commit to a 16-week training program

2 Submit the application form

Your application will be reviewed in full and you'll find out if you have been accepted onto the Skills Bootcamp. You'll receive a link so you can finalize your application.

Spaces are very limited - the sooner you apply, the greater the chances of a successful application!

3 Sign the contract

You and your manager will receive an email with the contract and a quick assessment to finalize your onboarding process:

- Complete the assessment prep-work
- Sign and send back the contract
- Get ready thanks to our onboarding process

Prerequisites

- ✓ An elementary level of English
- ✓ A laptop computer (PC or Mac)
- ✓ Complete the prep-work we'll share with you ahead of the training



Some reviews from our participants

Hear what they have to say about our programs.

"I work on IT infrastructures, far from dev. The training allows me to better understand the jobs of my end customers - dev teams who come to consume infrastructure."



Franck
Head Of Traditional
Storage Infrastructures at
Société Générale

"It was a unique experience that gave me the opportunity to change my career. I enjoyed the balanced mix of technical and human aspects of the program."



Rui Qi
Data Scientist at Schneider
Electric

"Learning to code is like learning English, it's an essential common skill to have."



Razvan Dordea
Intrapreneur at Engie

"I have already recommended Le Wagon to several friends: If you have the opportunity to participate in Le Wagon, do not pass it up."



Christophe Arendt
Data at Capgemini

"Very satisfied! Very good experience. What I found was much better than what I was looking for!"



Leo Baudinet
Product Analyst
at Contentsquare

What success will look like



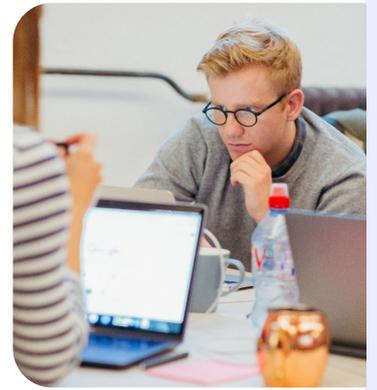
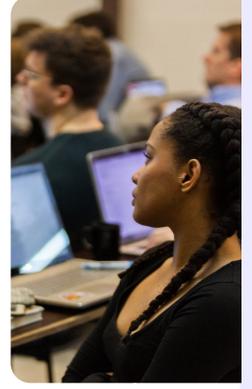
Be ready to...

...transform your data analysis capabilities in just 16 weeks with our bootcamp designed to equip you with advanced Python, SQL, and data analysis skills.

- ✓ **Become a Data leaders developing a solid Python foundation**
- ✓ **Master data exploration, preparation, cleaning techniques**
- ✓ **Gain skills in creating informative visualizations and automating data processes for impactful business insights**



[Apply now](#)



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business.lewagon.com/contact