

## Job Openings

Job title	Company	Location	Notes
Rev-celerator Graduate Programme: Data Scientist & Analyst	Revolut	London/Hybrid	This is a graduate rotational / bootcamp-style data science programme for new grads.
2026 Junior Data Scientist	Frontier Economics	London(on-site)	A consulting / economics + data science role as part of their graduate intake.
Junior Data Scientist – Ravelin (London / hybrid)	Ravelin	London(Hybrid)	A “junior data scientist” listing via a job aggregator.

### Links:

1. <https://www.revolut.com/careers/position/rev-celerator-graduate-programme-2026-data-scientist-and-analyst-25cb5d91-7dc6-4646-8b39-f7835f3248ea/>
2. <https://www.simplyhired.co.uk/job/Ezi91909y6UU3m1oyv9YNrN7Rf2kTY0c5cTuc2z26XI-jV6BDBvKkg>
3. <https://www.newscientist.com/nsj/job/1402308824/junior-data-scientist/>

## Review of Job Descriptions & Required Skills

Here's a summary / breakdown of what each role expects (responsibilities, skills, etc.):

### 1. Revolut — Rev-celerator Graduate Programme: Data Scientist & Analyst

#### Responsibilities / What you'll do:

- Build analytical tools and machine learning models (dashboards, ETLs) to support new product launches.
- Enhance and maintain data infrastructure (ETLs, LookML) to make data accessible and reliable.
- Collaborate with cross-functional teams (Operations, Growth, Product) to derive insights and guide decisions.

- Support decision-making with ad-hoc analysis (e.g. conversion rates, incentive profitability).  
Communicate findings and work with local/global teams.

**Required / “Must-have” Skills & Qualifications:**

Recent graduate (2024–2026) (or upcoming)  
Degree in computer science, mathematics, physics, or similar quantitative field  
Strong Python and SQL skills  
Solid foundation in mathematics / statistics  
Good communication skills, ability to work in fast-paced teams

**Preferred / Nice-to-have:**

A portfolio of side projects or open-source contributions

## **2. Frontier Economics — 2026 Junior Data Scientist**

**Responsibilities / What you’ll do:**

Perform analysis within project frameworks using machine learning, generative AI or econometrics. Use best practices, including Git / coding standards.  
Communicate your technical work clearly, including methods, conclusions, and reasoning.  
Manage workload, deliver consistently under competing demands.  
Build client relationships and tailor outputs to different audiences.

**Required / “Must-have” Skills & Qualifications:**

Strong **Python or R** skills for data wrangling, modelling, visualization  
Fluency in English (communication)  
Demonstrated interest in applying data science to economic / policy / real-world problems (e.g. causal inference, regression)

**Preferred / Nice-to-have:**

Familiarity with both R and Python, Git/GitHub, data visualization packages (Shiny, Streamlit)  
Proficiency in a second European language.

### 3. Ravelin — Junior Data Scientist (Indeed listing)

Because it's a shorter aggregator listing, the details are less fleshed out, but typical expectations for a junior data scientist role will include:

#### Likely Responsibilities:

Exploring / analyzing datasets, building predictive models  
Producing dashboards, reports for stakeholders. Working with product / engineering teams to support data-driven decisions  
Data cleaning, feature engineering, experimentation

#### Likely Required Skills:

Python (or R) programming  
SQL / database querying  
Understanding of statistics / ML fundamentals  
Data visualization (e.g. matplotlib, seaborn, Plotly)  
Communication skills, teamwork, problem-solving

#### Preferred / Additional Skills:

Experience with cloud platforms / big data (AWS, GCP)  
Familiarity with experiment design, A/B testing  
Experience with tools like Git, Docker, etc

Company Research & Fit Evaluation

Company	What I found / culture / reputation	Fit for me? Why / Why not
Revolut (Rev-celerator programme)	Revolut is a fast-growing fintech company with global reach. Their graduate programme is structured, offers exposure to multiple domains (analytics, data science, engineering), and provides relocation / hybrid flexibility	<b>Good fit:</b> because I like environments where I can rotate, learn, and have exposure across product + engineering. The fintech / payments space appeals to me. However, I'd check whether I'd tolerate high pressure / rapid changes.

Frontier Economics	A well-regarded economic consultancy combining data science with economic modelling and policy advice. Their data science / AI division works on causal inference, machine learning integrated with economic thinking.	<b>Potential fit:</b> If I enjoy working at the interface of data and economics / policy, this would be intellectually stimulating. It may be more constrained (less purely “big tech” data science) but offers strong domain depth and client exposure.
Ravelin	Not as much public detailed info from the listing I saw (just the job aggregator). But Ravelin appears to be a technology / fraud-detection / payments-type company (common in fintech).	<b>Maybe fit:</b> If their mission / product aligns with my interest (fraud, risk, payments), and if culture is technical, this could be a good place to get hands-on data science early. But I would need to dig into their engineering culture, growth path, and work/life balance.

Also, additional considerations:

**Mission alignment:** I personally prefer companies whose products or impact interest me (e.g. fintech, health, environment).

**Growth opportunities:** A graduate programme or consultancy setting (like Frontier) tends to offer structured training and mentorship, which is valuable early on.

**Location / remote flexibility:** Revolut’s hybrid / relocation model is a plus. Frontier is on-site in London. I’d need to check commute, hybrid policies, remote allowances.

**Work environment & culture:** Fast-paced fintech vs consulting with client deadlines I’d reflect on which stress / pace suits me better.

## Skills Gap Analysis

Below is my **Skills Gap Table**.

Required Skill / Qualification	I Have This Skill? (Yes / No / Developing)	Evidence / Example	How to Develop / Action Steps (if not yet)
Python programming	Developing	I have done coursework and small projects, used pandas, numpy in academic setting	Do more end-to-end projects using frameworks like Flask, contribute to open-source, build mini web app using

			Python + ML
SQL Programming	Yes	I have used SQL in data analysis and smaller datasets	Practice on large datasets (e.g. Kaggle, TPC-H), take online SQL challenges, interact with larger DBs (Postgres, MySQL)
Mathematics / Statistics (probability, linear algebra, inference)	Developing	I have coursework background but weaker in some inferential statistics	Study through textbooks / MOOCs (e.g. "Statistical Learning", "Bayesian Stats"), solve exercises, apply in projects
Use of version control / Git	Yes	I have used Github to submit many different coursework projects and a portfolio of work.	N/A
Data visualization / dashboards	Developing	I have used matplotlib and pandas plotting to visualise data findings in projects and in a few courseworks.	Learn visualization libraries (Plotly, Seaborn, Altair), dashboard tools (Tableau, Power BI, Streamlit), create dashboard for a project.

## Step 5: Top Action Plan & Readiness Assessment

### Top 3 Skills to Prioritize Developing

From my gap table, these are the three I would prioritize:

1. **Full end-to-end project experience including deployment** — not just model building but packaging, serving, pipeline, maintenance
2. **SQL + database / big data handling** — ability to query, join, aggregate, optimize for real-world scale
3. **Visualization + storytelling / communication** — the ability to clearly present findings to nontechnical audiences is often a differentiator

## Short-Term Action Plan (next 3–6 months)

- Choose a domain that interests me (e.g. fintech, health, environment), then build a full-stack data science project (data ingestion → modeling → dashboard → deployment)
- Contribute to open-source or collaborate on data projects (to use Git + version control)
- Take online courses / certifications in cloud ML / MLOps
- Regularly review job listings (especially graduate programmes) to see which skills are in demand; tailor project work accordingly
- Practice explaining your projects / methods to non-technical audiences (e.g. blogs, presentations)
- Seek internships, research roles, or part-time data roles to get practical experience

## Readiness Assessment & Reflection

- I meet or partially meet many baseline academic / technical expectations (e.g. Python, statistics, quantitative background)
- I lack or have minimal experience in deployment, large data pipelines, cloud / production environments — these are common differentiators in job listings
- My current portfolio is limited; to stand out I'll need high-quality projects with good documentation and storytelling
- My communication / domain application skills may need strengthening to translate “tech speak” into business value

If I work diligently over the next few months to close those gaps, I believe I could be competitive for graduate / junior data science roles (especially programmes that emphasize training). But it will require consistent effort and strategically choosing or shaping projects that align with what employers want.