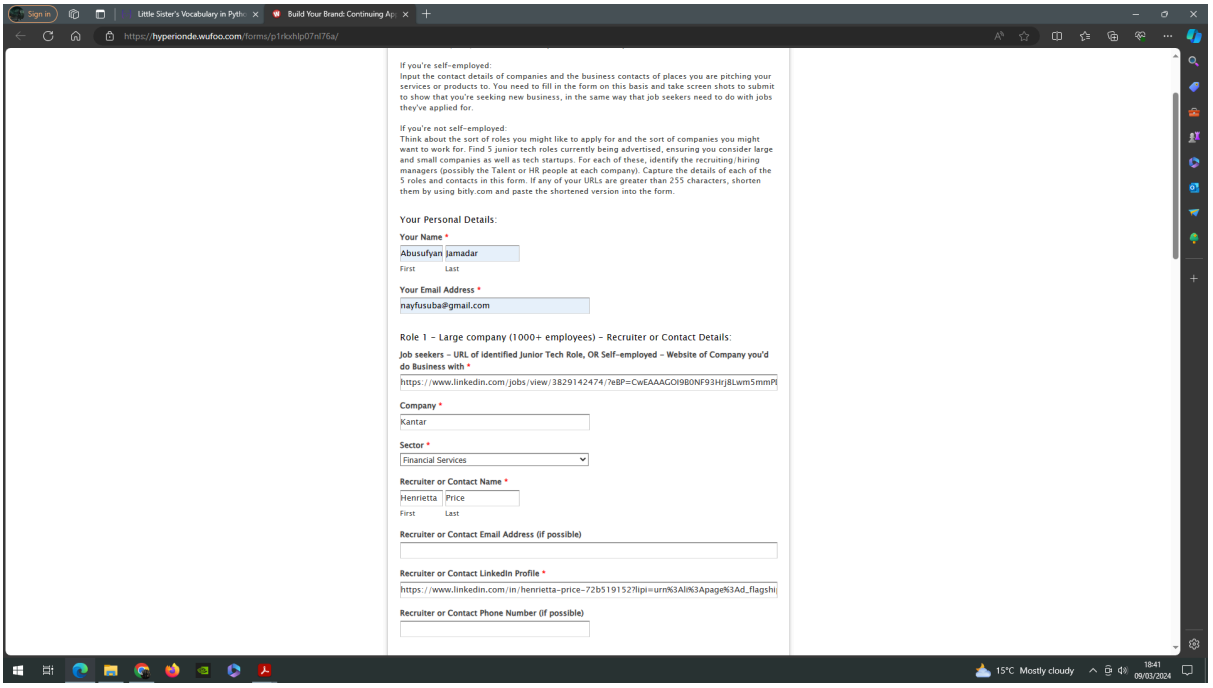
Practical Task 1

https://docs.google.com/spreadsheets/d/194VDOhPDk0VgE2yL5xGT9L8JhHmpNuxQh0yJ8PYt2V4/edit?usp=sharing



If you're self-employed:
Input the contact details of companies and the business contacts of places you are pitching your services or products to. You need to fill in the form on this basis and take screen shots to submit to show that you're seeking new business, in the same way that job seekers need to do with jobs they've applied for.

If you're not self-employed:
Think about the sort of roles you might like to apply for and the sort of companies you might want to work for. Find 5 junior tech roles currently being advertised, ensuring you consider large and small companies as well as tech startups. For each of these, identify the recruiting/hiring managers (possibly the Talent or HR people at each company). Capture the details of each of the 5 roles and contacts in this form. If any of your URLs are greater than 255 characters, shorten them by using bitly.com and paste the shortened version into the form.

Your Personal Details:

Your Name *
Abusufyan Jamadar
First Last

Your Email Address *
nayfusuba@gmail.com

Role 1 – Large company (1000+ employees) – Recruiter or Contact Details:

Job seekers – URL of identified Junior Tech Role, OR Self-employed – Website of Company you'd do Business with *
https://www.linkedin.com/jobs/view/3829142474/?eBP=CwEAAAGOI9B0NF93Hrj8Lwm5mmP

Company *
Kantar

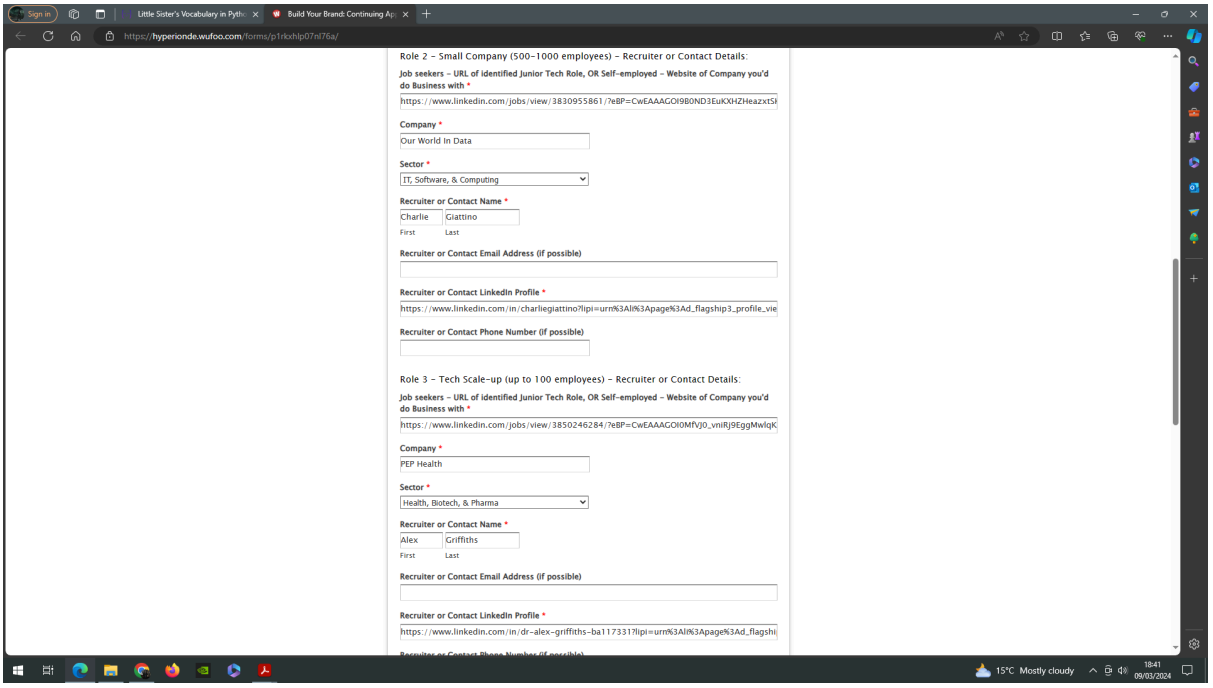
Sector *
Financial Services

Recruiter or Contact Name *
Henrietta Price
First Last

Recruiter or Contact Email Address (if possible)

Recruiter or Contact LinkedIn Profile *
https://www.linkedin.com/in/henrietta-price-72b519152?lipi=urn%3Ali%3Apage%3Ad_flagshi

Recruiter or Contact Phone Number (if possible)



Role 2 – Small Company (500-1000 employees) – Recruiter or Contact Details:

Job seekers – URL of identified Junior Tech Role, OR Self-employed – Website of Company you'd do Business with *
https://www.linkedin.com/jobs/view/3830955861/?eBP=CwEAAAGOI9B0ND3EuKXHZHeazxtS

Company *
Our World In Data

Sector *
IT, Software, & Computing

Recruiter or Contact Name *
Charlie Giattino
First Last

Recruiter or Contact Email Address (if possible)

Recruiter or Contact LinkedIn Profile *
https://www.linkedin.com/in/charliegiattino?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_vie

Recruiter or Contact Phone Number (if possible)

Role 3 – Tech Scale-up (up to 100 employees) – Recruiter or Contact Details:

Job seekers – URL of identified Junior Tech Role, OR Self-employed – Website of Company you'd do Business with *
https://www.linkedin.com/jobs/view/3850246284/?eBP=CwEAAAGOI0MfVj0_vniRj9EggMwlqK

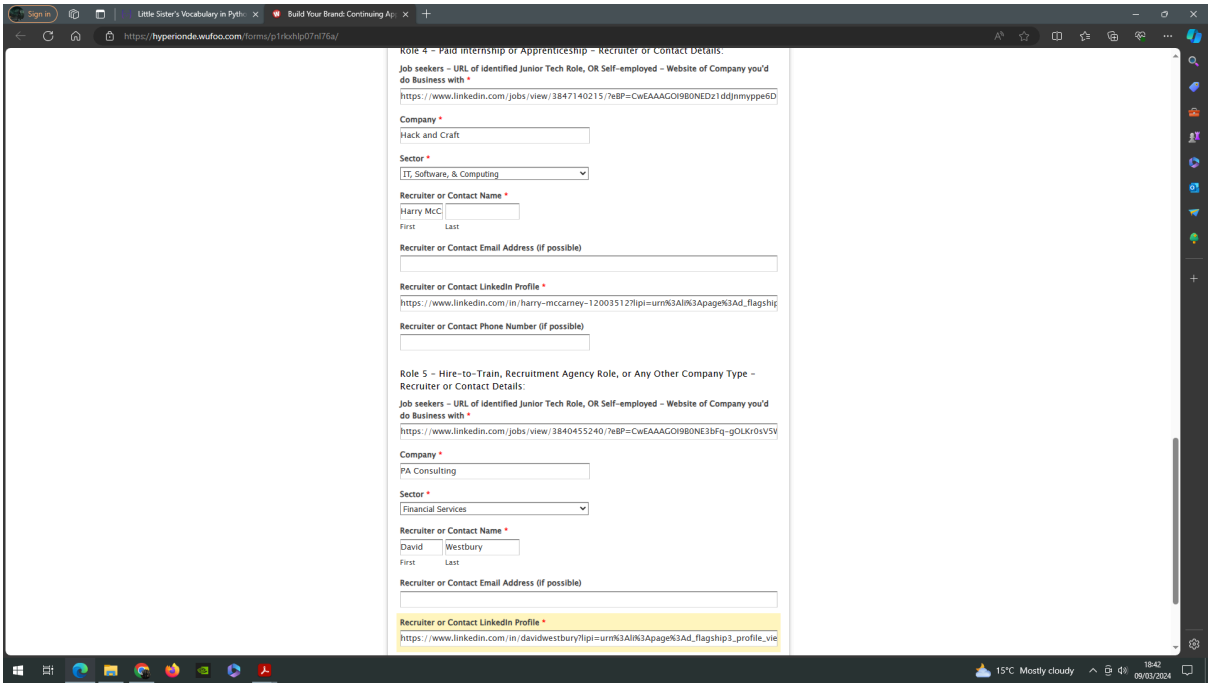
Company *
PEP Health

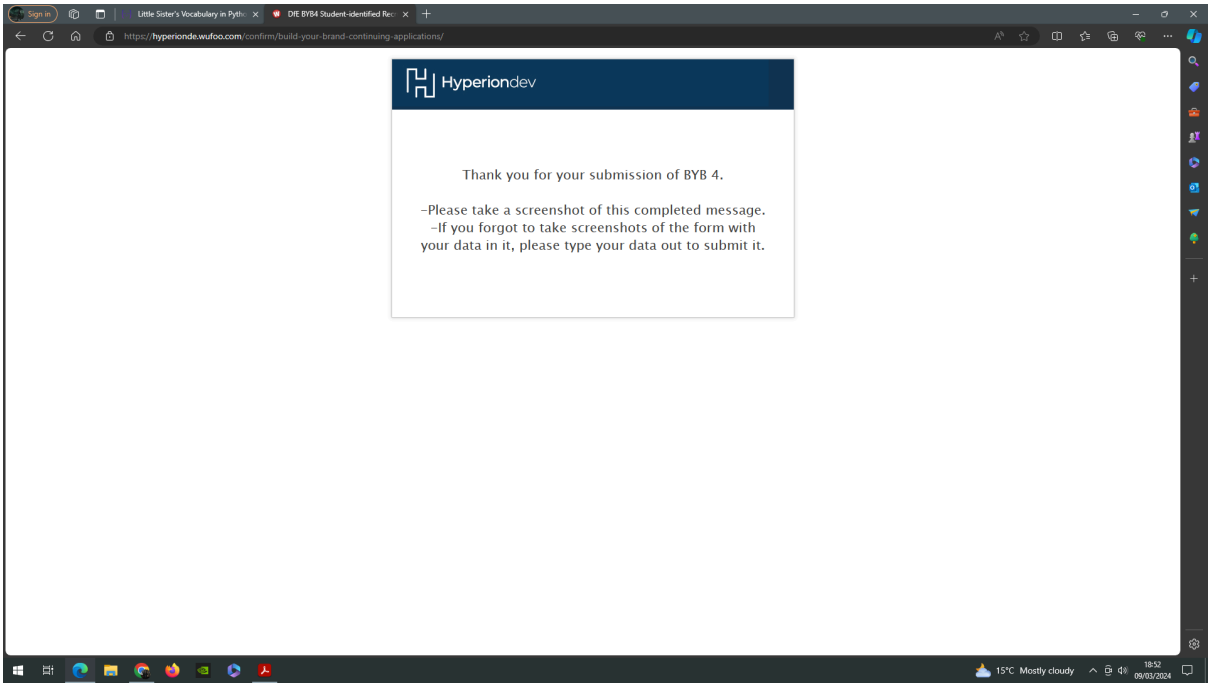
Sector *
Health, Biotech, & Pharma

Recruiter or Contact Name *
Alex Griffiths
First Last

Recruiter or Contact Email Address (if possible)

Recruiter or Contact LinkedIn Profile *
https://www.linkedin.com/in/dr-alex-griffiths-ba117331?lipi=urn%3Ali%3Apage%3Ad_flagshi





Practical Task 2

Job description:

Data is at the very heart of all the work we do. Everything in our day-to-day job is tied back to data that allows us to understand the state of the world and how it is changing. As a Junior Data Scientist, you will be part of the team responsible for collecting, transforming, documenting, and disseminating our data on the many topics we cover on Our World in Data.

The ideal candidate needs to be passionate about data analysis, data engineering, and data visualization; they should have some skills in these areas with a desire to develop expertise in them; they should be interested in learning about research topics they may not have previously worked on and be capable of understanding academic publications and datasets.

It’s not just the technical skills for data analysis and management that are essential; also important is the ability to understand what this data tells us about the world and how to use it to communicate this to our millions of users. The ideal candidate would have a mix of some technical and data interpretation skills that they are looking to develop further in this role.

We typically work with datasets that can be considered small by industry standards. We strongly believe that what is most important is clean, reliable, well-documented data that lets our research team and users generate clear, understandable, and accurate visualizations.

If you are excited to contribute to our mission of making data on the world's largest problems accessible and understandable, you will enjoy this role.

Key responsibilities

Data management

Writing Python scripts to import, clean, and collate data from many sources and formats.
Designing and implementing data pipelines to facilitate or automate regular updates of our datasets.
Writing metadata (title, subtitles, descriptions) for our variables and charts that is understandable, perfectly accurate, and consistent across sources. This includes writing detailed explanations of the data in clear language understandable to non-specialists.
Implementing and maintaining transparent and clear documentation of sources, including original and transformed data.

Data analysis

Helping identify new datasets of potential interest and assessing their relevance based on documentation and exploratory data analysis.
Designing and implementing derived variables in or across datasets, such as per-capita measures, averages, aggregates, and smoothed time series.
Thoroughly testing newly-created variables to ensure their reliability across geographical locations and time.

Working with our development team to identify and test improvements to our data exploration tools.

Communications

Engaging with external data providers on data availability, quality, and what it tells us across the many topics we cover.

About you

Skills and experience we look for

A minimum of a Bachelor's degree, preferably in a quantitative field.
Robust skills in data wrangling in Python (pandas).
Ability to write clear and concise explanations of technical and scientific ideas for non-specialist audiences.
Excellent spoken and written communication in English.

Skills and experience that will set you apart

Experience with collaborative version control and bug tracking, preferably on GitHub.
Knowledge of the Unix shell.
Knowledge of good practice in data visualization.
Previous knowledge or interest in global development.
Experience with academic research and science communication.
Good understanding of our work at Our World in Data.

Personal characteristics we look for

Commitment to accuracy and attention to detail.
Ability to think systematically about problems and provide solutions.
Good judgment in assessing which data is reliable and insightful and which is not.
Ability and confidence to explain your reasoning and willingness to learn from new evidence and respond positively to feedback.
Ability to actively seek guidance and learn from expertise across the team.
Ability to communicate effectively and collaborate as a team, including within remote working environments.
Curiosity and willingness to work across many different topics.

Company and Fit:

Our World in Data is a unique digital publication that offers free, accessible, and comprehensive research on global development issues. Their work focuses on the visual presentation of data to illustrate the changes in health, poverty levels, environmental impacts, and more, aiming to make information on global issues readily accessible and understandable. As a professional transitioning into data science, with a strong foundation in biomedical science and customer technical support, I believe I align well with their mission. My growing skills in data analysis, problem-solving, and project management, coupled with my background in diagnostic laboratory services, prepare me well for addressing complex global challenges through data. My commitment to ongoing learning, as evidenced by my enrollment in a Data Science Bootcamp, demonstrates my readiness to contribute effectively to their data-driven projects.

Background and Appeal:

With a BSc in Biomedical Science and experience in haematology and blood transfusion, my scientific background provides a solid foundation for understanding health-related data. The Data Science Bootcamp I'm currently attending is enhancing my analytical skills. The role's focus on data analysis, problem resolution, and communication of complex ideas appeals to me, as it aligns with my skills and aspirations.

Mistake and Lesson (STAR):

Situation: During my tenure at Bio-Rad Laboratories, I misunderstood a customer's technical issue due to incomplete information.

Task: I aimed to resolve the issue quickly without gathering full details.

Action: I recommended a solution that, while standard, was not suited to this particular case. When the customer called back unsatisfied, I reassessed the situation thoroughly.

Result: After a more detailed analysis, I provided the correct solution. This incident taught me the importance of complete information gathering and the need for tailored solutions, not just quick fixes.