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Digital Futures - Data Analyst

About the role
Our data roles are varied and give you the hands-on opportunities to gain the experience you need to succeed as a data analyst, business analyst or junior data scientist. You will be:

- Analysing large and complex data sets to identify trends, patterns, and insights.
- Developing reports and visualizations to present data in a meaningful way.
- Working with the team to identify data quality issues and develop solutions to address them. Collaborating with business stakeholders to understand their requirements and provide valuable insights to support decision-making.
- Assisting with data preparation and cleaning.
- Continuously monitoring data performance and provide recommendations for improvement. Staying up-to-date with the latest data analysis techniques and tools.

What are we looking for?
You don't need any previous formal education or experience in tech or data to join our Academy, if you can demonstrate the following characteristics:

- An understanding of the basics of Python
- Genuine interest in tech and how it can help the world
- Growth mindset with a commitment to lifelong learning
- Self-starting and motivated by personal development
- Intellectually curious with strong problem-solving skills

- Team player and collaborative in nature
- Delivery mindset with the ability to get things done
- Truly motivated by the first step in a career in tech
- Join us and start your Digital Future today.

Company Description

Digital Futures is a consulting company aiming to assist their clients to achieve their ESG goals through a data-driven approach. By providing end-to-end technical and business capabilities for these companies, Digital Futures provides the technical and business knowledge of their highly trained and qualified Data Engineers, Data Analyst, Data Scientist and Business Analyst to achieve these Net-Zero goals.

Not only that, Digital Futures themselves pledge to: monitor their own carbon footprint and collect carbon data to offset their carbon emission and reach net-zero by 2025; strive for transparent governance, were they aim to be a trusted partner for their clients and supplier; and most importantly, spread their social values, by attracting and retaining a workforce that truly represents our society, allowing individuals from all backgrounds to have an opportunity to succeed in the industry.

Digital Futures is the embodiment of what the World should strive for: a representative future that uses the digital world to ensure the best life possible for future generations.

Personal Background and Job Interest

My background is in Mechanical Engineering, that's my university degree. What's more, from my previous employment, I specialised in Lean Manufacturing, Six Sigma and Project Management; meaning that I needed to develop Data Gathering, Data Analysis and Problem-Solving skills.

I was part of inter-departmental teams to resolve manufacturing/productivity issues at different areas of the plant. As a member of the OPEX team (Operational Excellence), my role was to gather data and information at the areas of interest, analyse and pin-point sources of waste, and develop alternative methods to eliminate said waste.

What makes this job very attractive for me, is that the work is focused on data-driven decision making for resolving problems, which is exactly what I want to do. Also, my previous employer (thyssenkrupp Elevator) had this vision and culture of building a better future today; Digital Futures has its own version of that vision, with a higher emphasis on developments for the future, especially by offering opportunities for all backgrounds. Engineering is not an easy industry to access for all backgrounds, due to having to have university degrees; however, the tech industry's barrier to entry is not as high, and it's focused on the skill set, which anyone can access and perfect, since the only restriction is your own effort and perseverance.

Learning Incident

After implementing a new workflow at the Power Unit Assembly section, we were performing follow up controls to verify that the process was working as intended. For this, I was tasked to record the assembly process and do a time analysis.

On the fourth day of data gathering, I expressed concerns to my manager that the operators were getting increasingly uncomfortable with me recording the assembly. My manager insisted that I should explain why this was necessary and to keep insisting on gathering this data.

As instructed by my manager, I proceeded to do so; unfortunately, the situation escalated as I feared, with the operators walking away from me and seeking counsel from the Union Leader. This not only caused delays at this section, but also raised tension between operators and their line managers.

After this, I reported back to my manager and also informed the production manager of this area to communicate the situation. A meeting was arranged to iron out the situation and decide how to proceed with the process.

After this incident, I decided to be more decisive and less afraid to push back against my manager when I disagree with his/her assessment; and also how to improve my communication of my tasks and process goals.