



About me

Esperance Ngalu Brooks

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Introduction

This document serves as a comprehensive summary of who I am, highlighting my personality, achievements, and aspirations for the future. It provides an extended version of my CV, offering deeper insights into my journey and goals.

Who am I

I'm Esperance Ngalu Mukenge (BROOKS from my marriage), certified AWS Cloud Computing Practitioner and AWS Solutions Architect Associate soon to be Azure Data Science Certified, AWS Data Engineer Associate and AWS Machine Learning Speciality Certified.

Why certifications

- ✓ Certifications are more flexible to achieve, they are job oriented and provide hand on experience at the same time. As a married woman and mom of a one-year-old now, I needed a way to upskill without being overwhelmed and in a shorter timeframe.
- ✓ On the other hand, pursuing a degree provides a broader and more in-depth knowledge base, but it requires a significant time commitment—often three years or more—and can be demanding. Additionally, the admission process and associated costs can be overwhelming.

My resent achievements

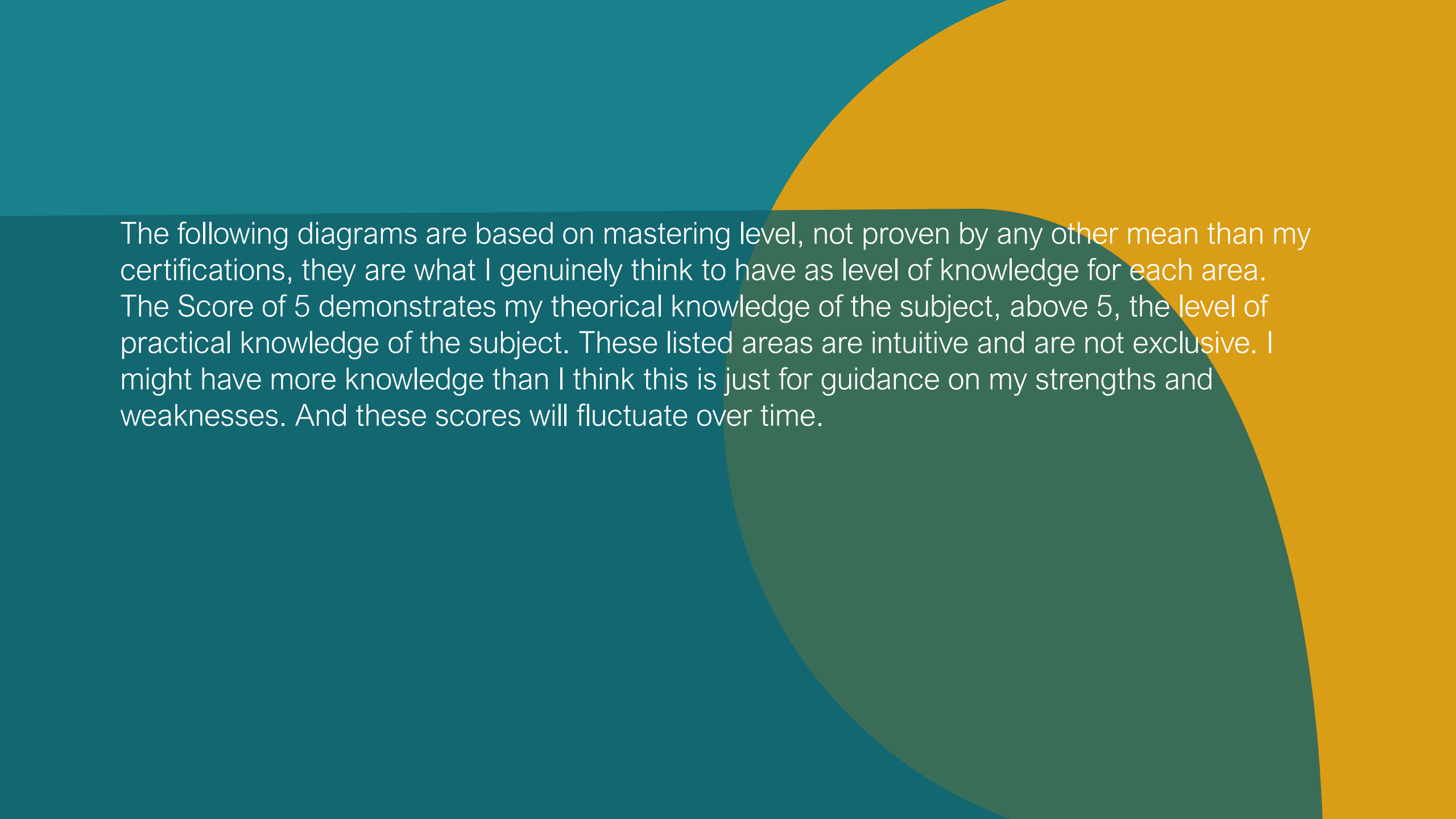


- In November 2024, I sat for my AWS Cloud Computing Practitioner exam and passed with scoring 82% well above the required pass score.
- In February 2025, I sat for my AWS Solutions Architect Associate exam and passed scoring nearly 83%, well above the required pass score.

My knowledge spectrum

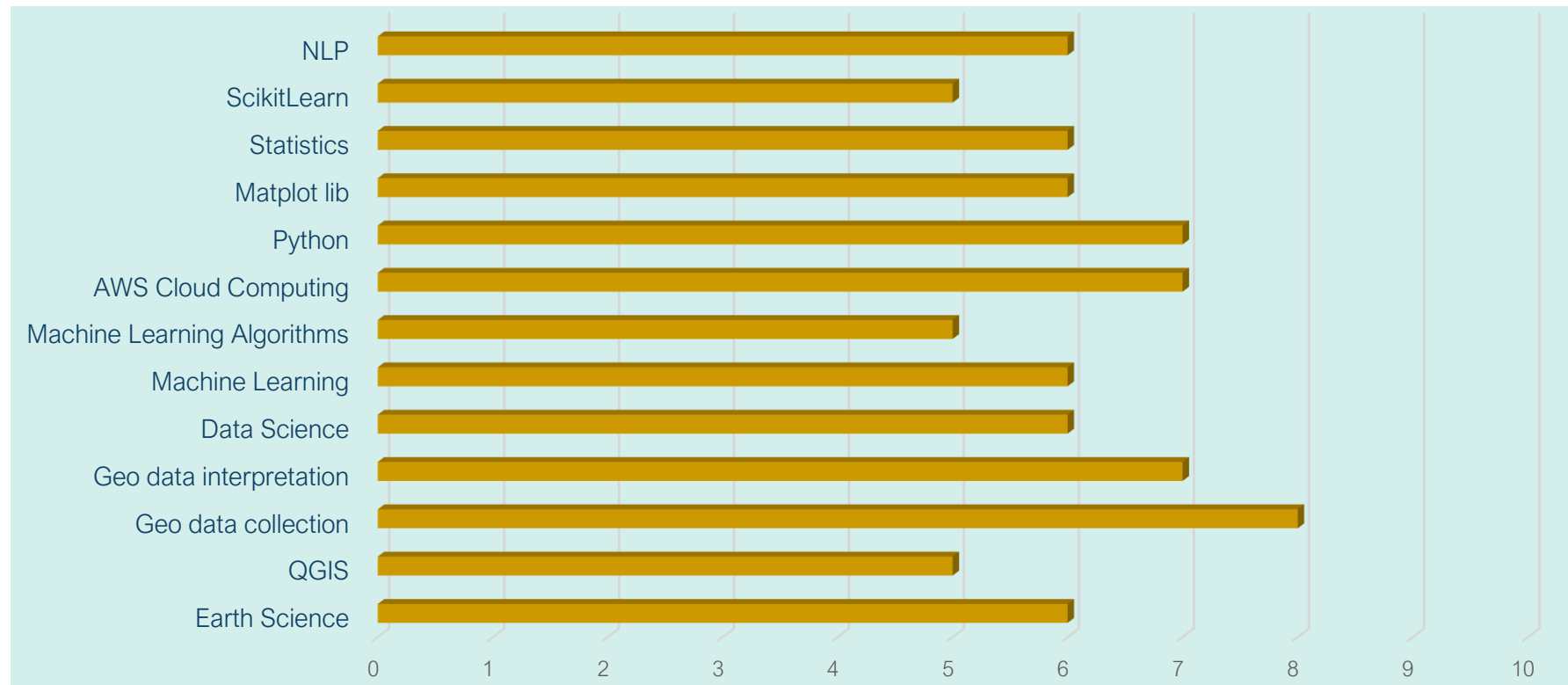
I have a degree in earth science taught in French from my home country, this degree might seem irrelevant for the job to get now but is the foundation that allowed me to be able to learn such complex subject as the Cloud computing. As a geologist we are required to develop critical thinking, attention to detail, observation and even data processing and interpretations. I did my end cycle academic project in geophysics where I collected measurements, made a map and interpreted the data. This was time when I developed this passion for data. And wanted to switch to data science once I moved to the United Kingdom.

From that point I started to learn several skills relevant to data science, from python coding to cloud computing. Following figure shows my knowledge spectrum where I scored every skill out of 10.

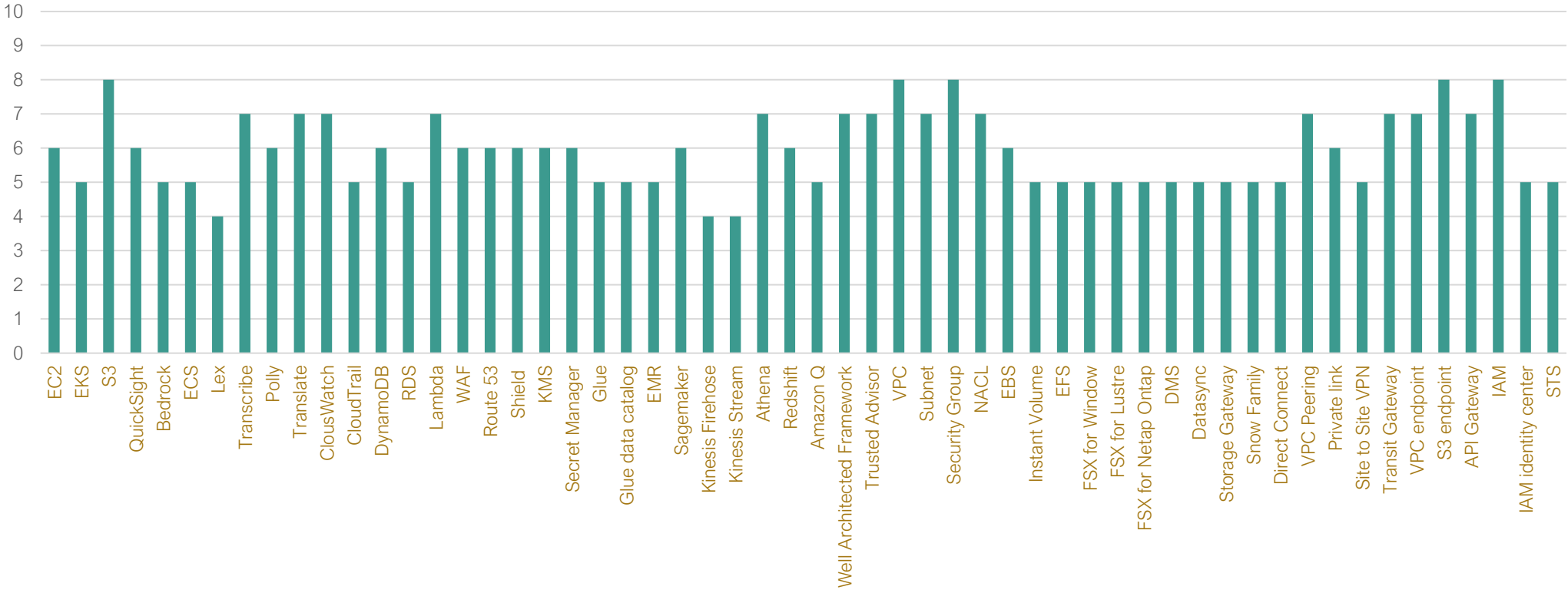


The following diagrams are based on mastering level, not proven by any other mean than my certifications, they are what I genuinely think to have as level of knowledge for each area. The Score of 5 demonstrates my theoretical knowledge of the subject, above 5, the level of practical knowledge of the subject. These listed areas are intuitive and are not exclusive. I might have more knowledge than I think this is just for guidance on my strengths and weaknesses. And these scores will fluctuate over time.

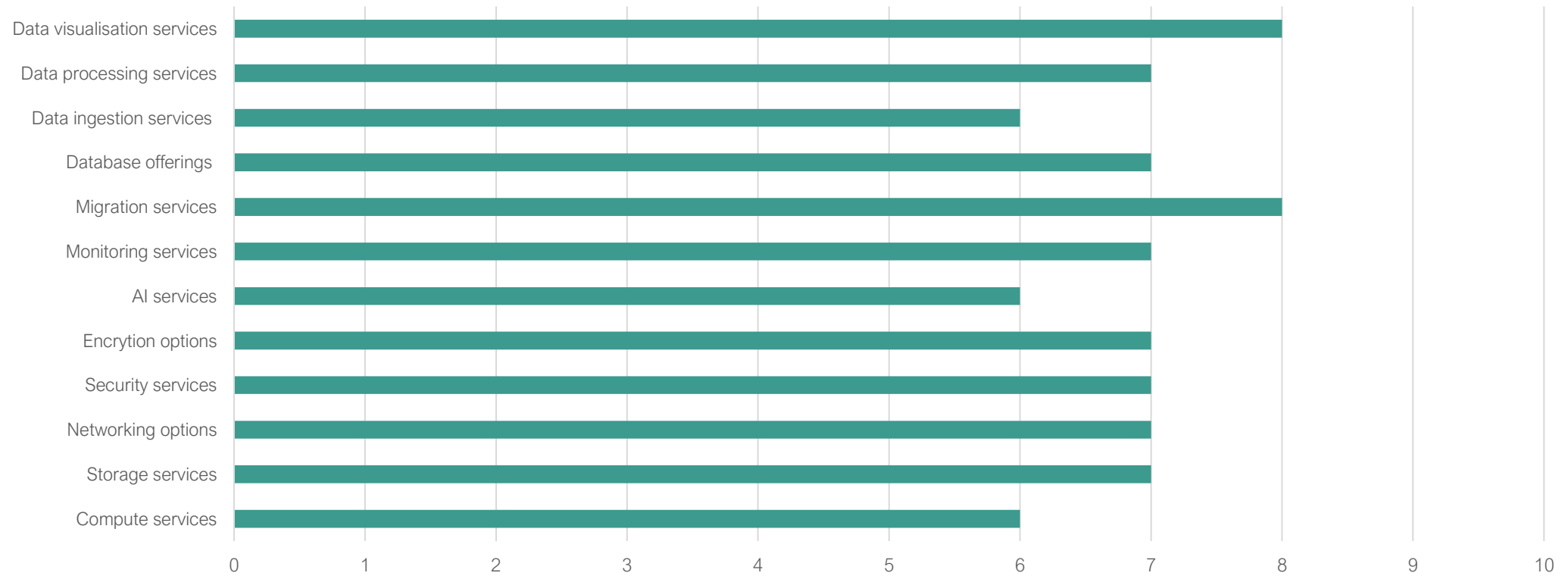
Skill Score per field



AWS Skill Score Per service



Score per subject



My limitations so far

The limitations toward my goals are:

- ❑ A perfect portfolio
- ❑ Real world data science projects
- ❑ Work Experience

**The way to get started
is to quit talking and
begin doing.**

Walt Disney

My goals

My next steps are:

1. AWS Data Engineer Associate Certified this will provide me with a deeper mastering of data pipelines and data solutions for companies of all size.
2. AWS Machine Learning Speciality Certified this will provide me with skills needed to excel in data science as machine learning algorithm is the hear of data science.
3. AWS Artificial Intelligence Speciality Certified this will provide me with the skills need in this modern era of AI
4. Azure Data Science Certified This will allow me to get comfortable with other cloud computing provider.

At the end of the day, learning all these skills is a way for me to enlarge my chances to get a job but also to expend my awareness of modern tools in computer science. This will enhance my efficiency in my future job.



Summary

During my studies, I built a strong foundation in data analysis by working on geological datasets. This was further enhanced during an internship at one of the world's largest copper mines, where I developed precise data collection skills and gained valuable practical experience.

After moving to the UK, I navigated the challenges of a new job market by completing a Data Science bootcamp with HyperionDev, which provided me with advanced analytical tools and techniques. As I delved deeper into the field, I recognized the critical role of data pipelines in data science and started learning AWS Cloud Computing to expand my expertise.

While I'm still progressing on my journey, I've gained substantial knowledge that enables me to deliver both insightful business solutions and robust scientific analyses through a data-driven approach.



My personality

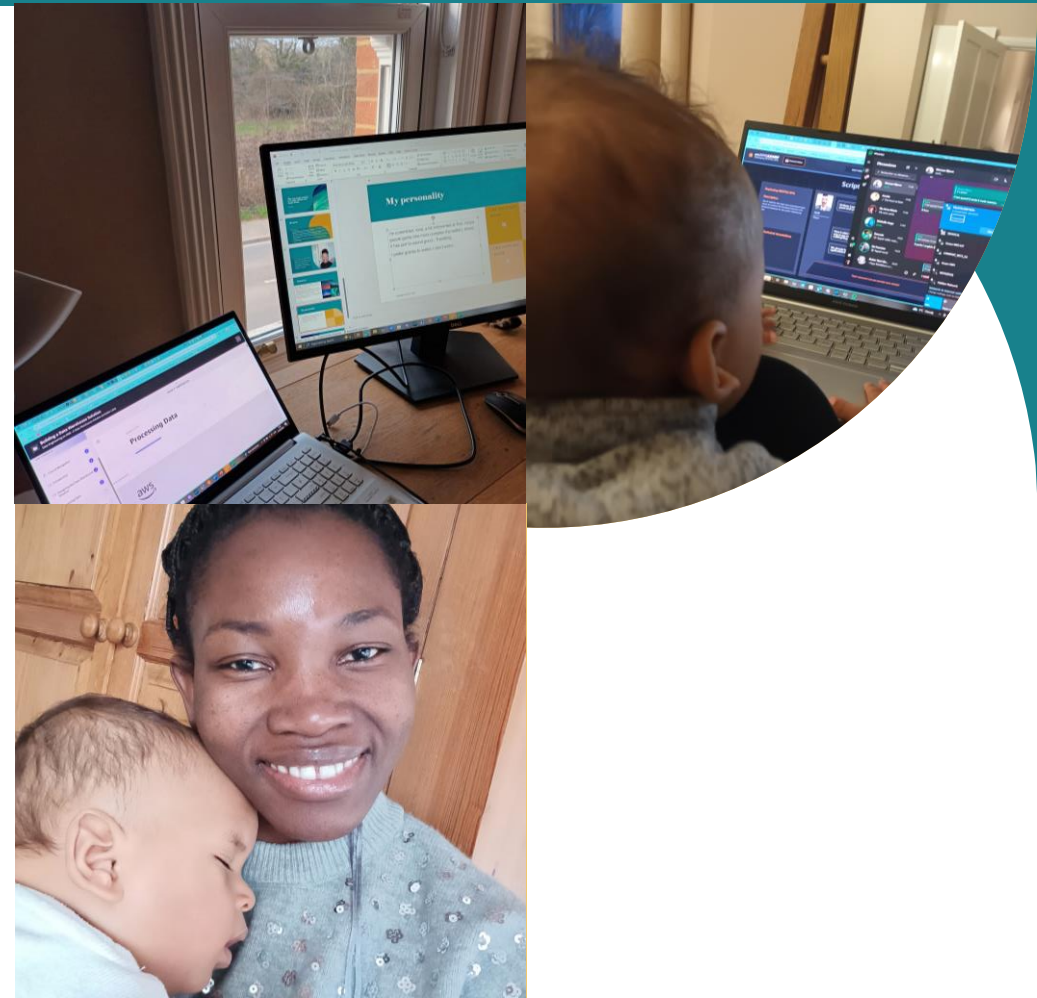
I'm committed, patient, generous, kind, a bit introverted at first.

I enjoy puzzle game (the more complex the better), music - it has just to sound good but classical over any other -.

I'm optimistic, but also realist

I prefer gravity to water - I don't swim-.

I train with my son on my lap sometimes





Thank You

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