



## Week 11 Milestone Worksheet

### SECTION A: Tech Track Reflection

#### Step 1: Track Choice

Which tech track (*AWS, Salesforce, Data Science, Data Analytics or Software Engineering*) are you planning to pursue?

#### Step 1: Chosen Tech Track

**A. Track choice: Data Analytics**

#### Step 2: Reflect on your “Why”

Please reflect again on your **why** for pursuing your chosen tech track. **List 3 reasons why this track is of interest to you.**

#### Step 2: Reasons

**A. I am passionate about working with data to uncover patterns, trends, and insights that can help drive smart decision-making.**

**B. Data Analytics offers strong career growth and demand across many industries, giving me flexibility and job security.**

**C. I enjoy working with tools like Excel and spreadsheets, and I'm eager to expand my skills to include advanced data analysis and visualization techniques.**

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### **Step 3: Desired Job/Position**

What would be your **ideal job title or position?**

#### **Step 3: Job title/Position you want**

**My ideal job title would be Data Analyst. I would like to work in a role where I can use data to help organizations make informed decisions, solve real-world problems, and improve performance.**

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### **Step 4: Expected Obstacle(s)**

Everything worth doing will have hard parts. Please list at least one challenge or obstacle that you expect to encounter during your studies in **Foundations and your tech track**, over the coming **weeks/months**.

#### Step 4: Challenge(s)/Obstacle(s)

**One challenge I expect to encounter is managing my time effectively, especially balancing my studies with other personal or professional responsibilities.**

**Staying consistent with the workload and maintaining focus over time might also be difficult, but I plan to overcome this with good planning and discipline.**

#### Step 5: Support plan

Please **list at least 2 ways you will deal** with the **challenge(s)/obstacle(s)**. It could be seeking support from others, a specific way you will resource yourself schedule your time, or something else. *(There is no right or wrong answer– this is for you.)*

#### Step 5: Ways to deal with challenge(s)/obstacle(s)

**A. I will create a weekly study schedule and stick to it by setting specific goals and using tools like reminders and time blocks to stay focused.**

**B. I will reach out to my peers and the ALX community when I need help, motivation, or accountability, especially during tough or overwhelming**

**moments.**



### **Step 6:**

Do some web research to **learn more about how technical teams work** in your specific field. Look at at least 3 sources.

Then, **list at least 3 roles that you may find on a technical team in your field**, and briefly state what each does. **List at least 1 source** where you found this information.

#### **Step 6: Technical Teams in Your Field**

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##### **Role A / Description:**

**Data Analyst – Responsible for collecting, cleaning, and interpreting data to help companies make informed decisions. They create dashboards, generate reports, and identify trends using tools like Excel, SQL, and Power BI.**

##### **Role B / Description:**

**Data Engineer – Builds and maintains data pipelines and infrastructure that allow data analysts and scientists to access reliable, clean data. They often work with big data tools and cloud platforms.**

##### **Role C / Description:**

**Business Intelligence (BI) Developer – Designs and develops strategies to help business users quickly find the information they need to make better decisions. They often create reports, data models, and interactive dashboards using tools**

like Tableau or Power BI.

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Source(s) of the above information:

- [Coursera – What is a Data Analyst?](#)
- IBM – Roles in Data Analytics Teams
- [LinkedIn Learning Blog – Data Analytics Roles](#)

## **Step 7a: Engaging with Your Industry**

As you enhance your understanding of technical teams and how your tech track's industry works:

**List at least 2 publications, newsletters, YouTube channels or community platforms that you have followed or subscribed to.**

### **Step 7a: Engaging With Your Industry**

**Subscription #1:**

**KDnuggets Newsletter**

**Short Description:**

**KDnuggets is a popular data science and analytics publication that shares the latest trends, tutorials, tools, and job insights in the field. The newsletter helps me stay updated on real-world applications of analytics and new technologies.**

**Subscription #2:**

**Alex The Analyst – YouTube Channel**

**Short Description:**

**Alex The Analyst is a data analyst who creates beginner-friendly YouTube tutorials on SQL, Excel, Power BI, and career advice in the data field. His videos have helped me understand how data analysts work and how to prepare for job roles.**

## **Step 7b: Learning About Your Industry**

As you enhance your understanding of technical teams and how your tech track's industry works:

**Share URLs for at least 3 relevant videos that you found and watched on YouTube.** (*Not from the playlist provided later.*)

### Step 7b: Learning About Your Industry

**YouTube Videos Engaged With:**

**#1: What Does a Data Analyst Actually Do? 2022**

*Explains the daily tasks, tools, and skills needed to succeed as a data analyst.*

**#2: Day in the Life of a Data Analyst | Real Corporate Job**

*Gives a realistic insight into a typical day for a data analyst in a company.*

**#3: SQL Tutorial – Full Database Course for Beginners**

*A beginner-friendly guide to SQL, a crucial skill for data analysts.*

### Step 7c: Industry Professionals

Go to **LinkedIn.com**. (*If you don't have an account already, you can create one. We will work on building/improving your profile later.*) Play around with searching for people.

**Find 3 people who have worked in your chosen field for at least 2 years** and have careers that look interesting to you. Ideally, these individuals would be on the African continent, but you can choose individuals from other parts of the world.

**Provide the names and URLs of their profiles below.**



### Step 7c: Industry Professionals

**Name #1: Elizabeth Mabwera**

**URL #1: <https://www.linkedin.com/in/elizabeth-mabwera/>**

***Data Analyst based in Kenya with over 5 years of experience in data and reporting roles.***

**Name #2: Emmanuel Kabenlah**

**URL #2: <https://www.linkedin.com/in/emmanuel-kabenlah/>**

***Ghana-based Data Scientist and Analyst at Stanbic Bank, with a background in statistics and business intelligence.***

**Name #3: Bilha Ndirangu**

**URL #3: <https://www.linkedin.com/in/bilha-ndirangu/>**

***Data and tech enthusiast who has worked in analytics and leadership roles across African tech ecosystems.***

## **Step 8: Interview an Expert or Watch Expert Interviews**

It's important to be curious and always ask questions. What have you wondered about your chosen field but not found an answer to? Your questions may be about what job positions are available, how satisfied people are in your chosen career, paths to advancement, how readily available **remote work is vs. local work**, the largest employers in your field, or anything else related!

In this activity, you have 2 options – **Choose 1:**

**Option 1:** Interview an Expert in Your Industry

**Option 2:** Watch Expert Interviews

**You can only choose 1 option and you must answer all the questions (A –D) associated with that option.** Choose Option 1 or Option 2 below.

### **Step 8- Option 1: Interview an Expert in Your Industry**

We have prepared an **Interview Guide** (*including a template for you to use when you message experts on LinkedIn or other platforms*).

The Interview Guide should help you prepare and conduct interviews with the industry expert. During the interview, take down notes to answer the following questions:

#### **Step 8: Option 1: Expert Interview Insights**

**A. From the expert's perspective, what is the demand for employees in this specialization, globally and locally?**

**The expert mentioned that Data Analytics is in high demand both globally and across Africa, especially as more organizations are transitioning into digital**

platforms. Locally, sectors like finance, healthcare, and e-commerce are rapidly adopting data-driven decision-making, increasing the need for skilled data professionals.

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**B. What kind of preparation did the expert undertake to get where they are today in their career?**

The expert began with a Bachelor's degree in Statistics, followed by online certifications in tools like SQL, Excel, Power BI, and Python. They also joined data-focused communities, attended meetups, and took part in real-world projects and internships to gain experience.

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**C. What is one piece of advice for how I can be successful in the field?**

"Practice consistently and build a portfolio of your work—recruiters want to see what you can do, not just what you've studied," the expert advised. They also emphasized the importance of networking and asking for feedback regularly.

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**D. What are my 2 biggest takeaways from the interview?**

1. Soft skills like communication are just as important as technical skills, especially when translating complex data into insights for stakeholders.
2. Remote opportunities are growing rapidly in this field, and having a strong LinkedIn profile with projects showcased can help land international gigs.

### Step 8 – Option 2: Watch Expert Videos

We have prepared a YouTube playlist for each specialization:

- [Data Analytics/ Science track](#)
- [Salesforce track](#)
- [AWS track](#)
- [Software Engineering track](#)

**Choose 1 specialization's** playlist and watch the videos from the playlist. As you watch the videos, answer the following questions:

#### Step 8: Option 2: Expert Video Insights

**(OPTION 2 A – D)**

**A. What are the job prospects looking like for my specialization, globally and locally?**

**B. What kind of preparation must I make to become successful in this industry?**

**C. What types of content do I need to consume regularly to keep up to speed**

**with my industry?**

**D. What are my 2 biggest takeaways from the videos?**

### **Step 9: Information Exchange – Peer Activity #1**

For your first peer activity, **find at least 1 peer, and ideally a group of 2 or 3**. We encourage you to find people who have chosen the same field/tech track as you, but it is ok if they have a different track. Please share your answers to Steps 1-8 with one another, then answer the questions in the Step 9 box.

#### **Step 9: Information Exchange**

- A. List the first and last name of at least 1 peer that you met with for this activity:**
  
  
  
  
  
- B. What is one thing you learned from your peer/group?**
  
  
  
  
  
- C. What is one new question or curiosity about your industry that you have after exchanging information with your peer/group?**



**Please go back to Savanna and continue with your learning content. You will be prompted on when to return to complete Section B.**

## SECTION B: Personal Branding

### Step 10: Personal Branding and Portfolio Website

In the box below, paste the link to your Portfolio Website.

#### URL Instructions

Make sure your webpage is live on the web (i.e. not simply a draft in your website builder). At a minimum, your website should contain:

- Your full name.
- A tagline briefly stating your professional identity
- A photo and additional information/sections are welcome, but *optional*).

The URL **should either be**:

- A **custom domain name**, for example [www.Kehindelbrahim.com](http://www.Kehindelbrahim.com).
- A **shortened URL**, for example <https://Bit.ly/Kehindelbrahim>.
- A **free URL** that is clean and short, like <https://Kehindelbrahim.site.com>.

### Step 10: Personal Branding and Portfolio Website

<https://frankie-iii.github.io/portfolio-chan/>

**Once you have completed this worksheet:**

1. Export/convert to .pdf.
2. Rename it per the instructions.
3. Upload to Savanna as your Milestone 11 Submission.
- 4. Celebrate a job well done!**