



Week 9 Milestone Worksheet

SECTION A: Career Reflections

Step 1: Tech Track Interest

This week you have had a taste of the 6 tech specializations you can potentially pursue in your future as a career. In the space below, please share your personal ranking of them (*1 being the most appealing, 5 being the least appealing*).

For your **#1 and #2**, state WHY you find these 2 the most appealing. (*This does not commit you to anything, you are just stating what you currently feel most drawn to.*)

As a reminder, they are:

- Cloud Computing (AWS)
- Customer Relation Management (Salesforce)
- Software Engineering
- Data Analytics
- Data Sciences
- Creative Tech

Tech Areas Ranking

1. Cloud Computing (AWS)

Reason: I like Cloud Computing because it changes the way we use and grow technology. It's especially useful for building strong systems that can work well even in tough conditions like using IoT to monitor food safety in real time. AWS gives many tools that help create smart and flexible systems, even in rural areas with limited resources. I find it exciting because it allows us to build solutions that are affordable and can be used anywhere in the world.

2. Creative Tech

Reason: I like Creative Tech because it mixes technology with creativity and design. It's a space where we can tell stories, build fun and interactive tools, and create new ideas using tech. Since I enjoy teaching and helping others learn, I'm interested in how Creative Tech can make hard topics easier to understand. It also shows how technology can be used not just to fix problems, but to inspire people, share ideas, and bring different fields together.

3. Data Analytics

4. Software Engineering

5. Data Sciences

6. Customer Relationship Management (Salesforce)

Step 2: Strengths

List your **personal strengths**. List **at least 15 total**, and be sure to include at least 2 from each of the 3 categories: Talents/Skills, Knowledge, and Professional Qualities.

(You have already done a version of this in Week 5. You are encouraged to approach it fresh and not refer back to what you have done before. It'll help you redefine how much you've grown since that time.)

Here are some **examples** of strengths from each of the 3 categories.

Examples of Talents & Skills:

- *Strong self-discipline and grit*

- *Good listener*
- *Good friend*
- *Analytical mind*
- *Intuitive Gardener*
- *Quick to learn new dance steps*

Examples of Knowledge:

- *Football statistics*
- *History of hip-hop*
- *Organic Chemistry*
- *Gardening techniques*
- *Intermediate-level Perl and C++ -*

Examples of Professional Qualities:

- *Organized*
- *Reliable*
- *Good Listener*
- *Writing good Perl scripts*

My Strengths

(Talents & Skills, Knowledge, & Professional Qualities)

1. Strong problem-solving ability
2. Analytical thinking
3. Quick learner with new technologies
4. Effective communicator
5. Skilled in debugging and troubleshooting
6. Creative thinker
7. Good at simplifying complex ideas

8. Strong self-discipline and focus
9. Internet of Things (IoT) systems and sensor integration
10. Machine learning for anomaly detection
11. SQL for data analysis and database management
12. Food safety and fermentation processes
13. Literature review and academic research methods
14. Data visualization using Jupyter Notebooks
15. Basics of cloud platforms like AWS
16. Organized and detail-oriented
17. Reliable and consistent in meeting deadlines
18. Passionate about mentoring and teaching
19. Committed to real-world impact through technology
20. Adaptable and open to feedback

Step 3: Areas for Growth

Next, list your areas of growth. These are not simply areas of weakness. They should be specific Talents & Skills, Knowledge, & Professional Qualities *that you actually want to improve upon*. For each area of growth, Include a brief WHY behind selecting it. Why do you wish to improve on it?

Note that these do not have to be quantified (that is, they do not need to use a SMART goal format). Please list at least 6 areas for growth.

For example:

- *Do more exercise so that I feel stronger and healthier in my body.*
- *Learn how to better communicate with people from other cultures so that I am more likely to be hired by an international company.*
- *Visit my mother more often because I care about her and want to make sure she's doing ok.*

My Areas for Growth

1. **Improve public speaking skills :** I want to feel more confident when presenting my ideas, especially during conferences, workshops, or when teaching others.
2. **Deepen my knowledge of cloud architecture (AWS) :** To build better IoT systems, I need a stronger understanding of how cloud services work, especially for scaling and securing data.
3. **Learn more about user-centered design :** I want to create tools that are not only technically sound but also easy for people—especially in rural areas—to use and benefit from.
4. **Strengthen time management during multitasking :** Managing research, coding, writing, and mentoring can be overwhelming. I want to improve how I organize my time to stay focused and balanced.
5. **Practice storytelling for technical education :** I'd like to explain complex topics like machine learning or food safety in a way that's engaging and easy to understand for students and communities.
6. **Expand my knowledge of business and entrepreneurship :** I want to learn how to turn my research ideas into real-world solutions or

startups that can make a lasting impact.

7. **Improve front-end development skills :** I'd like to build more user-friendly interfaces for the systems I design, especially for dashboards and mobile apps used in the field.
8. **Gain more experience with real-time data processing :** Since I work with IoT systems, I want to get better at handling and analyzing data as it comes in, especially for monitoring and alerts.
9. **Develop better collaboration skills in diverse teams :**Working with people from different backgrounds and disciplines is important. I want to improve how I communicate and collaborate in group settings.
10. **Build confidence in writing grant proposals and funding applications :**To support my research and projects, I need to get better at writing strong proposals that clearly show the value and impact of my work.

Once you have completed this worksheet:

1. Export/convert to .pdf
 2. Rename it per the instructions, and
 3. Upload to Savanna as your Week 9 Milestone Submission.
 4. **Celebrate a job well done!**
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