1. Further describe role(s) you have held or intend to hold in a professional organization (and in our team project). Update our [Lucid](#) page accordingly.

Data Analytics Consultant: I am currently working in this role. It is a good intersection of information security, data analytics, and project management.

Project Manager: Worked in this role for a capstone project for my bachelor's degree. Was responsible for planning a technical project and completing deliverables as required and on time.

Scrum Master: I am currently the scrum master for my team at work. Provide a safe space for the team to share progress and obstacles on their current tasks related to the project or task they are working on.

Information Security Analyst: Worked as an intern in this role. Maintained security by monitoring data loss prevention and identity & access management tools.

2. What types of interactions do you expect will come with these future roles (e.g. as a *product manager*, I expect to interact with *product attorneys* to *create/review/*... to achieve ...*some outcome*)?

Product Manager: I expect to be responsible for getting a product from start to finish as per the requirements of the stakeholders.

Scrum Master: Responsible for maintaining the agile methodology within the team so the process of iterative development is working successfully.

Information Security Analyst: Responsible for maintaining confidentiality and security of data, applications, and company insider information.

Consultant: Working well with clients/stakeholders to assess what they need from us and deliver accordingly.

3. How might personality attributes (of yourself and others) be relevant to these roles and interactions? What interactions do you look forward to most / least in the team project?

I feel like the roles I would like myself to be in the future require effective communication and good time management. Additionally, it is important to have knowledge of technical skills so we can understand each other's perspectives. Strong communication helps to prevent misunderstandings and ensures that everyone is aligned toward a common goal, while good time management allows for efficient task completion and meeting deadlines without feeling overwhelmed. I believe that being adaptable and open-minded will also be crucial, as different projects and teams may require different approaches. I look forward to collaboration and getting new perspectives/opinions from my teammates, as this will not

only strengthen our work but also help me grow by understanding different problem-solving styles and learning from diverse experiences. Building trust and maintaining a positive, respectful team dynamic will be key to fostering creativity and innovation in any future role.

4. How might Artificial Intelligence (AI) redefine these roles and interactions over the next decade? (*be sure to cite any references you use*)

Artificial Intelligence (AI) is expected to redefine roles requiring communication, time management, technical knowledge, and collaboration over the next decade by automating routine tasks like scheduling, data entry, and communication, thereby enhancing efficiency and freeing up time for strategic work (Business Insider). However, human oversight will remain essential to ensure AI-generated outputs are accurate, unbiased, and aligned with organizational values (Cornerstone). Professionals will need to develop new technical skills to collaborate effectively with AI systems and adapt to evolving team dynamics, as AI tools increasingly participate in decision-making and problem-solving (BerkeleyExecEd). While AI can streamline processes, maintaining a balance between automation and human interaction will be key to fostering creativity, trust, and effective teamwork. We need to keep a growth mindset and keep improving our skill set to stay relevant in the current job market.

References

Leaders from BCG, Infosys, AARP, and more predict how AI will transform top companies in the next 12 months, Business Insider, https://www.businessinsider.com/leaders-discuss-ai-technology-transform-company-workflows-unlock-employee-potential-2024-10

The crucial role of humans in AI oversight, Cornerstone, https://www.cornerstoneondemand.com/resources/article/the-crucial-role-of-humans-in-ai-oversight/

The Future of Work & Leadership in The Age of AI, Berkeley Exec Ed, https://executive.berkeley.edu/thought-leadership/blog/future-work-leadership-age-ai

5. Review the video: Computer Scientist Explains Machine Learning in 5 Levels of DifficultyLinks to an external site.

- In what ways was Hilary Mason's approach effective or ineffective?

  I think Hilary Mason's approach was effective because she used terminology that closely aligns with the language used in machine learning. For instance, terms like "test," "review," and "example" are familiar and foundational in machine learning, which helps introduce kids to key concepts early on. This makes it easier for them to grasp more complex ideas when they explore the field further. As she progressed to

explaining machine learning to the teens, she maintained the use of machine learning-specific terms but presented them in a more advanced way. For example, she explained how machines learn using data and how models are built to analyze that data and make predictions.

Another effective aspect of her approach was how she made personal connections with the people she was speaking to. This made it easier for them to relate to the concepts and ask meaningful questions. Additionally, she ensured that the audience was following along by asking clarifying questions whenever she introduced a new topic or concept, which helped keep the conversation engaging and clear.

- At what point (if ever) did you feel that the explanation became too complex or excessive for you?

The explanation became a bit complex for me when she was discussing biases in machine learning with the graduate student. While I understood the concept, incorporating visual components would have made it easier to follow and process the information more effectively.

- How might your approach be similar or different?

I appreciated how she tailored her explanations to different audiences based on their level of understanding. If I were explaining machine learning, I would take a similar approach of adjusting the complexity based on the audience. However, I would also include more visual aids, such as diagrams or charts, to help make the abstract concepts easier to visualize and retain.

- Any other thoughts or observations?

Overall, I found her approach engaging and thoughtful. Her ability to simplify complex ideas without losing the core meaning was impressive. Adding more visuals and interactive elements could make the learning experience even more impactful.

6. List specific questions that you will explore through your self-directed research project. How will you expand your information literacy in this topic (e.g. what are some resources you will use to start researching)?

I am interested in a project that includes the three different fields (Information Security, Law, and Business) intersecting within each other and how they work together to build a fully functioning project that users can comfortably use. I plan to use the SCU library as a

resource to find information and additionally discuss with the professors to narrow down my topic, so it is not too vague.

Optional:

Read Chapter 4 of Bring Yourself (taking time to create connections).

Do you have any observations about what worked well or could be improved during our second class meeting?

How might you prompt an AI system to gain insights while writing this reflection?