**Peer Mentorship Exercise Report**

**10 Academy Kifiya AI Mastery Training Program - Week 5**  
**Prepared by: Bisrat Haile**  
**Peer: Ayana Samuel**  
**Submission Date: July 1, 2025**

**Preparation Challenges**

**Challenges Faced and Solutions**

* **Challenge:** Finding a peer mentor was difficult due to limited availability and coordination issues.
  + **Solution:** I reached out to Emillien, and he assigned me a new mentor.
* **Challenge**: Initial nervousness about meeting Ayana and crafting relevant questions.
  + **Solution**: Researched Ayana’s LinkedIn profile to tailor questions and practiced a friendly introduction to build confidence.
* **Challenge**: Limited information available on Ayana beyond LinkedIn.
  + **Solution**: Focused on professional details and prepared open-ended questions to learn more during the meeting.

**Peer Bio**

**Ayana Samuel’s Introduction**

* Computer Science and Engineering student at Adama Science and Technology University (ASTU).
* Passionate about web development and competitive programming, with over 300 LeetCode challenges solved.
* Aims to become a skilled Software Engineer, focusing on impactful AI and fintech projects.
* Thrives in collaborative environments and values continuous learning and problem-solving.
* Joined the Kifiya AI Mastery Program to enhance technical skills in Python, machine learning, and data engineering.

**Questions I Asked Ayana**

**Questions and Ayana’s Answers**

1. **What sparked your passion for web development and competitive programming?**
   * *Answer*: Inspired by creating user-friendly websites and solving complex problems on LeetCode, which sharpened critical thinking for the program’s AI tasks.
2. **What’s a challenging LeetCode problem you’ve solved?**
   * *Answer*: Solved a dynamic programming problem that improved understanding of optimization, useful for machine learning algorithms.
3. **What’s been the biggest challenge in the 10 Academy training?**
   * *Answer*: Struggled with MLOps concepts but overcame it by reviewing tutorials and collaborating with peers.
4. **Any rewarding team projects at ASTU or in the program?**
   * *Answer*: Worked on a group web app project at ASTU, learning the importance of clear communication in teams.
5. **What’s a unique hobby or experience?**
   * *Answer*: Enjoys sketching, which helps visualize complex coding problems creatively.

**Questions Ayana Asked Me**

**Ayana’s Questions to Me**

1. What motivated you to join the Kifiya AI Mastery Program?
   * *My Answer*: Wanted to transition into AI-driven roles and build expertise in data engineering.
2. What’s your strongest technical skill in the program?
   * *My Answer*: Confident in Python but working on improving SQL for data handling.
3. What’s been your toughest challenge in the training?
   * *My Answer*: Understanding deep learning models; tackled it with extra study sessions.
4. Have you worked on any collaborative projects before?
   * *My Answer*: Contributed to a team data analysis project, learning to delegate tasks effectively.
5. What’s a fun fact about you?
   * *My Answer*: I’m an avid chess player, which helps with strategic thinking in coding.

**Learnings and Career Benefits**

**Five Learnings and Their Career Impact**

1. **Improved Communication**: Practicing active listening enhanced my ability to collaborate remotely, crucial for global tech teams.
2. **Peer Accountability**: Learned the value of having an accountability partner to stay on track, fostering discipline in professional settings.
3. **Technical Insights**: Gained tips on competitive programming from Ayana, which will improve my problem-solving for coding interviews.
4. **Collaboration Skills**: Understood the importance of mutual support in remote work, preparing me for distributed team projects.
5. **Networking**: Built a professional connection with Ayana, which could lead to future collaborations or mentorship opportunities.

**Slide 6: Call to Action & Screenshot**

**Call to Action**

* Exchanged LinkedIn contacts with Ayana for ongoing communication.
* Scheduled weekly check-ins to discuss progress on 10 Academy assignments.
* Agreed to share resources on Python libraries and MLOps tutorials.
* Planned a follow-up meeting in two weeks to review mutual goals.

**Screenshot**  


