

Academic Reflective Journal structure

A reflection report or journal focuses more on the writer's personal insights, experiences, and growth in relation to a specific topic, event, or experience.

Here are the common parts of a reflection report or journal assignment:

1. Introduction:

- **Brief Overview:** In this lab I will be learning how to partition a cloud slice on azure services and through that I will be able to try out a content safety deep learning model
- **Purpose:** I hope to gain something out of the lab. Either by debugging it or just looking online how to do it.

2. Description of Experience or Topic:

- **Background Information:** All I know about these skillable labs is that they are pretty once you get the hang of them but learning this new courseware is difficult. I had never used an application like this before and even getting started was hard because I did not know exactly what the lab asked of me.
- **Specific Details:** The main experience of this reflection is to internalize what I have learned through the lab. I hope I can retain most of the information that I went over in the lab.

3. Personal Reflection:

- **Thoughts and Feelings:** Coming into this class with no background in AI ML DL or Neural networks is really starting to hit me now. I'm beginning to realize that I might be a little bit out of my depth because all of this assignment – the whole lab and reflection journal is new to me.
- **Analysis and Interpretation:** Well, the learning curve for this is going to be long I know that for sure, I also know that I am going to have to study far more than I had originally planned for. I am feeling a little bit dumb because of how easy the things in the Skillable lab were, I was just overthinking a lot of things and feared running out time. The last time I did something like this lab I did not have much issue but then again everyone is familiar with how to use business applications on Windows.
- **Connections to Theoretical Knowledge:** I have a better understanding of what exactly the backend of an LLM looks like now as well as how utterly useful Azure can be. Previously I had tried to work with Azure for a class project however; the professor decided to cancel it because the implementation of azure into the new computers at school was

terrible and none of could work with it so, this is a very welcome surprise seeing how it *should have* worked from launch. I am also amazed at the complexity of AI and am glad to have done this lab to further my understanding; Earlier this day I was attempting to explain how AI works to my grandmother and now know all the things that were wrong with the way I explained it.

- Critical Thinking: As far as what worked well for me? I would say nothing much. I have experimented with courseware that is like this albeit not for long but still It only took me 20-30 minutes to figure it all out fully. We have not had a class, nor have we had a reading assigned to use yet but I'm sure I could better understand the EU's Ai Act now that I know a bit more of their innerworkings.

4. Discussion of Improvements and Learning:

- Personal Growth: This furthers my academic growth by exposing me to Azure which I had worked with before all that much and I gained a new skill today as well in doing so. There is also the advantage I gain from doing this lab early. I can ask questions at the time of the first meeting to discuss issues that could affect everyone before they become a problem. [OBJ]

- Skills Developed: I learned how to utilize a resource within azure to try out their LLM for content safety.

- Future Application: The lesson I learned today may one day help whenever I am interning for IT and demonstrate that I know the latest most cutting-edge SaaS software for all things AI. I could also use this in my personal life in case I want to write a book from my original work only I could use Azure to use its system for parsing the vast amounts of written material I have made.

5. Conclusion:

- Summary: Overall I am proud that I mastered the first lesson in the AI-900 certification with ease. I hope that all the other labs are equally if not easier than this one. I am also excited for the class where hopefully we will go over the lesson related to the first lab.

Lab 01 AI-900 Cert. Completion Proof.

The screenshot shows the Azure Portal interface. The main content area displays the 'Content safety' service with a table of resources. The table has columns for Name, Kind, Location, Custom Domain, and Pricing tier. One resource is listed: 'COOC-167' of kind 'ContentSafety' in 'South Central US' with custom domain 'cooc-167' and pricing tier 'F0'.

The sidebar on the right contains instructions for the lab:

- 6. Click **Run test** and inspect the results in the Results panel again.

You can run tests on all the samples provided, then inspect the results.

Check out the keys and endpoint

These capabilities you tested can be programmed into all sorts of applications. The keys and endpoint used for application development can be found both in the Content Safety Studio and the Azure Portal.

1. In the Content Safety Studio, navigate back to the **Settings** page, with the **Resources** tab selected. Look for the resource you used. Scroll across to see the endpoint and key for your resource.
2. In the Azure Portal, you will see that these are the same endpoint and different keys for your resource. To check it out, head to the **Azure Portal** | <https://portal.azure.com?azure-portal=true>. Search for **Content Safety** on the top search bar. Find your resource and click on it. On the left-hand menu, look under **Resource Management** for **Keys and Endpoints**. Select **Keys and Endpoints** to view the endpoint and keys for your resource.

After you have finished, you can delete the Content Safety resource from the Azure Portal. Deleting the resource is a way to reduce costs that accrue when the resource exists in the subscription. To do this, navigate to the **Overview** page of your Content Safety resource. Select **Delete** at the top of the screen.

100% Tasks Complete

The screenshot shows the msle.learndemand.net website. A progress bar indicates 17% completion, with 1 of 6 required activities complete. A message states: 'Access to your labs will expire on Monday, July 21, 2025 5:00 PM (UTC)'.

The screenshot shows the details of the first activity in the learning path:

- Activity 1:** Explore Azure AI services (Expected Duration 1 hours) Details ^
- AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 01 (CSS)**
- Introduction to AI, machine learning, and Azure AI services.**
- Required:** Yes
- Status:** Complete
- Launch** button
- 9 of 10 launch attempts remaining

Activity 2 is also visible below:

- Activity 2:** Analyze images in Vision Studio (Expected Duration 1 hours) Details ^
- AI-900T00-A Microsoft Azure AI Fundamentals [Cloud Slice Provided], Learning Path 02 (CSS)**
- Required:** Yes
- Status:** Not Started
- Launch** button
- 10 of 10 launch attempts remaining