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# 

SIG788

ENGINEERING AI SOLUTIONS

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Learning Summary Report

# Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Pass (D) | Credit (C) | Distinction (B) | High Distinction (A) |
| Self-Assessment | ✓ | ✓ | ✓ | ✓ |

Self-Assessment Statement

# Declaration

I declare that the portfolio of tasks within the unit is my individual work. I have not copied from any other student’s work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature: **Yatharth Deoly**

# Reflections

## The most important things I learnt:

This unit story revolves around different AI solutions using Microsoft Azure platform where these concepts are achieved using python and different libraries of Azure.

With the provided tasks, it made it more interesting and challenging to achieve and

understand the core.

## I feel I learnt these topics, concepts, and/or tools really well:

After this unit, am confident with below pointers:

* Usage of different python libraries, like pandas, numpy, seaborn, matplotlib and mainly Azure libs.
* Different Azure services like computer vision, custom vision, language services and more.
* Overview of OpenAI concepts.

## I found the following topics particularly challenging:

Part which I found challenging is how to portray the task. As in this world, story-telling is the most important task, so while solving these tasks, I get to know how to implement the concepts/skills by explaining the task, usage, why it has been done and what we conclude.

## I found the following topics particularly interesting:

As I was using python in my day-to-day life, but task-6 was the thing I love the most, as integrating with 3 party channel and working as a BOT was interesting and made my understanding better towards language services and usage of it.

## I still need to work on the following areas:

Like there are many Azure libraries that have been used with different services, in which I need to do deeper dive. Currently these all services are paid services, so will be looking for alternatives like open-source libraries and will be looking for different clouding platforms like AWS, GCP and will be checking for others also. In custom services, we use different images for tagging and uploading, will need to learn multi-tagging from coding way.

## The things that helped me most were:

Resources which have been used for this unit:

* Olympus platform
* Live sessions
* Azure Microsoft documentation
* Surfing over google for more understanding

As there are different tasks that need to be implemented in this unit, which needs research

and understanding, these platforms help me with it for easier understanding and

implementation.

## If I did this unit again, I would do the following things differently:

As I am a professional employee, where I haven’t got much time to deliver the tasks on time, if I got the chance to do this unit again, I would have done it in a more systematic way with more descriptive task deliveries and implementation.