



Defining Problem Statements and ongoing training on AI

Week 2

10-Aug to 16-Aug

Welcome !

Orientation Session



Reflections of Week 1 Buddy sessions

What Went well

1. Whoever participated were actively interacting in the sessions
2. Team Reps were proactive generally
3. Good updates on the training progress sheet

What can be improved

1. Participation is less in Aman's group– Sakshi, Abhishek Vanve
2. There are non-responsive trainees- Aman- Sakshi, Abhishek Vanve, and Lokesh- Richa Rajole
3. Participation still not **100%**
4. **Turn on your camera** or inform why you can't turn it on
5. Prompt updates if you are facing any issues, or are stuck with other commitments
6. Update your learning progress before next sessions

What you need?

- Access to hands on exercise of topics learnt
 - Try out
 - <https://portal.azure.com/#home>
 - User ID: userOne@INSDEMO909.onmicrosoft.com
 - Password: Mines@315

From Idea to Problem Statement

Real-world scenarios examples

- “We want to improve customer satisfaction”
- “We want to predict machine breakdowns”

Defining problem Statement -Guidelines

EXAMPLE GIVEN	Step	Guiding Questions	Example (Machine Failures)
	1. Problem Context	Who is affected? Why is it important? What’s the business or social impact?	Production managers lose output, delays affect delivery.
	2. Problem Statement (Plain English)	Describe the problem in 1–2 sentences without suggesting a solution.	Machines in Plant A fail unexpectedly, causing 10% downtime per month.
	3. Evidence/Data	What facts, observations, or data exist?	Maintenance logs, sensor readings, downtime reports.
	4. Desired Outcome	What will success look like? How will it be measured?	Downtime reduced from 10% to <3% per month.
	5. Constraints & Assumptions	What limits or factors must be considered?	Budget, available sensors, skilled technicians.
	6. AI Relevance Check	Could AI help? If yes, in what way?	Predict failures from sensor data before they happen.

EXAMPLE GIVEN	Step	Guiding Questions	Your Remarks
	1. Problem Context	Who is affected? Why is it important? What’s the business or social impact?	
	2. Problem Statement (Plain English)	Describe the problem in 1–2 sentences without suggesting a solution.	
	3. Evidence/Data	What facts, observations, or data exist?	
	4. Desired Outcome	What will success look like? How will it be measured?	
	5. Constraints & Assumptions	What limits or factors must be considered?	
	6. AI Relevance Check	Could AI help? If yes, in what way?	

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Azure AI Fundamentals



Objective: Foundations of Artificial Intelligence & Machine Learning

#	Objective	Topic	Link URL	Duration
9		Introduction to computer vision concepts	https://learn.microsoft.com/en-us/training/modules/introduction-computer-vision/	30 Mins
10	Computer Vision & Information Extraction	Get started with computer vision in Azure	https://learn.microsoft.com/en-us/training/modules/get-started-computer-vision-azure/	45 Mins
11		Introduction to AI-powered information extraction concepts	https://learn.microsoft.com/en-us/training/modules/introduction-information-extraction/	30 Mins
12		Get started with AI-powered information extraction in Azure	https://learn.microsoft.com/en-us/training/modules/ai-information-extraction/	45 Mins



LET'S GET STARTED.