



Internships Daily Diary(2025-26)
Department Of Artificial Intelligence & Machine Learning Engineering

Program Code :AI5K
Name of the Student :Gauri Patterav Bhandigare
Name of the Mentor (Faculty) :Mrs. P. M. Kumbhar
Name of the Mentor (Industry): Mr. Abhijit Prakash Gatade
Enrollment Number :23213500020

Week	Day & Date	Discussion Topics/Activity	Details of Work Allotted Till Next Session /Corrections Suggested/Faculty Remarks	Signature of Industry Mentor
Week 3	Mon, Date <u>16/06/25</u>	Introduction to working Environment	observed tools and work enviroment	
	Tue, Date <u>17/06/25</u>	observing Software setup process	Learned how environments are set up	
	Wed, Date <u>18/06/25</u>	Overview of Python coding Practices	watched Python coding practices	
	Thu, Date <u>19/06/25</u>	Watching data tasks in jupyter Notebook	Saw data tasks in Jupyter Note book	
	Fri, Date <u>20/06/25</u>	Understanding workflow and Team Activites	Understood team workflow and tools	
	Sat, Date <u>21/06/25</u>	Review and Self-Assessment	Reflected on weekly learnings	



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Week No: 03	Day: Monday	Date: 16/06/25
Topic 8- Introduction to the Working Environment		
<p>This day, I was introduced to the company's working environment and project structure. I learned how development teams collaborate using various tools and platforms. The mentor explained the role of Python and how it is integrated with real-world applications.</p>		
<p>I observed the working habits of developers such as code reviewing, task planning and maintaining organized workspaces.</p>		
<p>I also understood how each team member has a specific role, and how communication plays an important part in delivering efficient results.</p>		



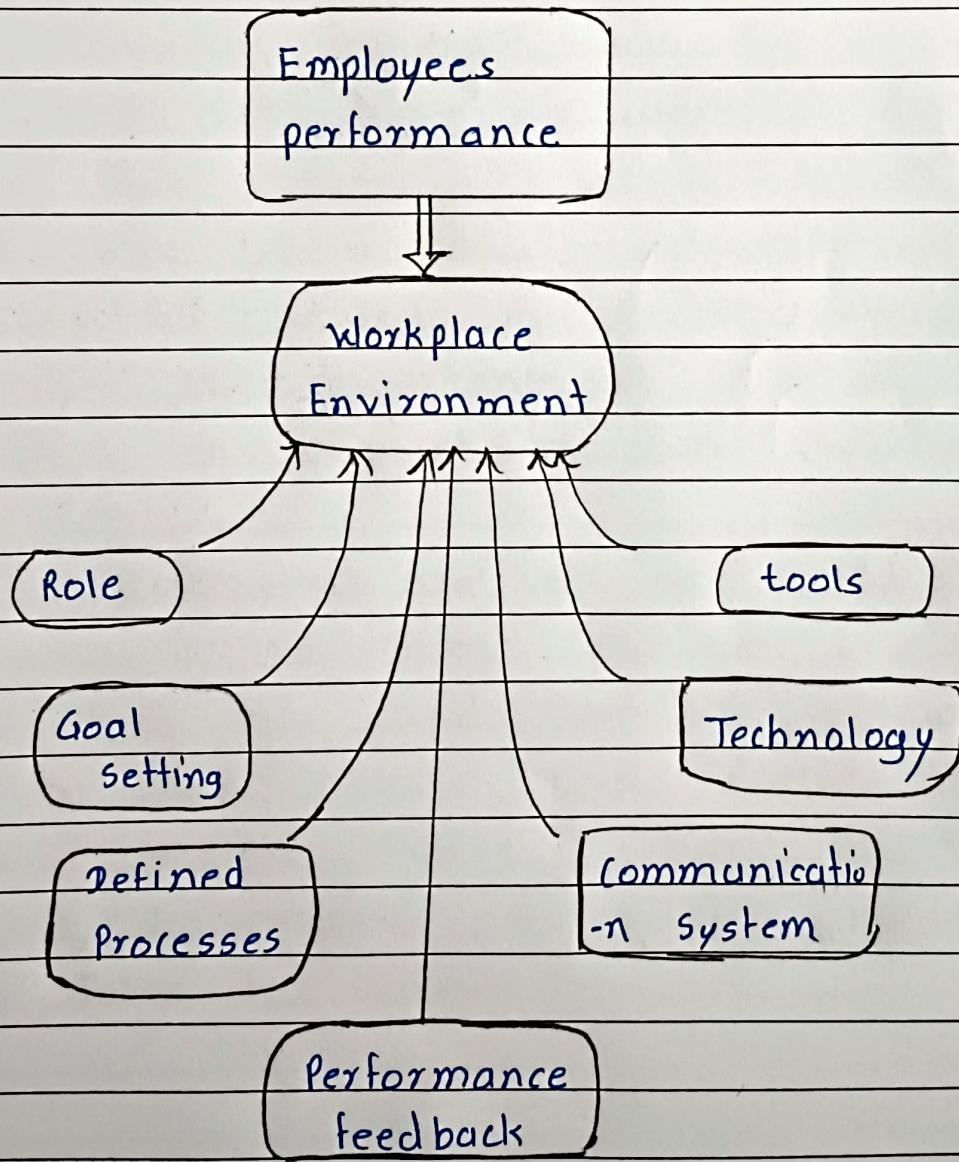
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Week No: 03

Day: Monday

Date: 16/06/25

This diagram shows employee performance and workplace environment.





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(DTE CODE : 6814) (MSBTE Code : 1661)

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Internships Daily Diary (2025-26)

Week No: 03

Day: Tuesday

Date: 17/06/25

Topic :- observing software setup process

I closely observed how the development team sets up their working environment. This included installing Python, configuring Anaconda environments, and setting up vs code for Python development. I noted the importance of creating isolated environment to avoid version conflicts.

The developers used pip and conda commands to manage packages. I also saw how they used terminal commands to navigate directories and execute python scripts. Though I didn't do it myself, I wrote a step-by-step guide in my notes for future reference.



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Internships Daily Diary (2025-26)

Week No: 03

Day: Wednesday

Date: 18/06/25

Topic : Overview of Python coding practices

Today, I learned about Python programming structure through observation. The team explained basic code flow - variables, conditionals, loops and function usage.

special attention to how code is written correct using proper indentation, meaningful variable names and also clear comments for better understanding

They also showed how error handling is done using "try-except" blocks. I took notes on best practice and understood the importance of writing, readable and reliable code.



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Internships Daily Diary (2025-26)

Week No: 03

Day: Thursday

Date: 19/06/25

Topic :- Watching data tasks in jupyter Note book

Today, I observed how the team works with data in jupyter notebook. They used "Pandas" to load and explore the dataset, applying commands like head(), info() and describe()

I saw how they cleaned data by handling missing values and used "NumPy" was used for creating arrays and performing calculations like mean, median, etc.

I noted the syntax and how these libraries are useful in data analysis in jupyter notebook, and next week perform operation on csv file.



Internships Daily Diary (2025-26)

Week No: 03

Day: Friday

Date: 20/06/25

Topic : Understanding workflow and team activities.

Today, I observed how the team applies python concepts in their workflow, even though i wasn't involved in any project directly.

I focused on understanding how they structure Python code using function, loops and conditional statement.

The mentor explained how different parts of the code are reused across tasks and how they maintain clean, readable scripts.

This helped me connect what I have learned in theory to how it's used in a real work environment.



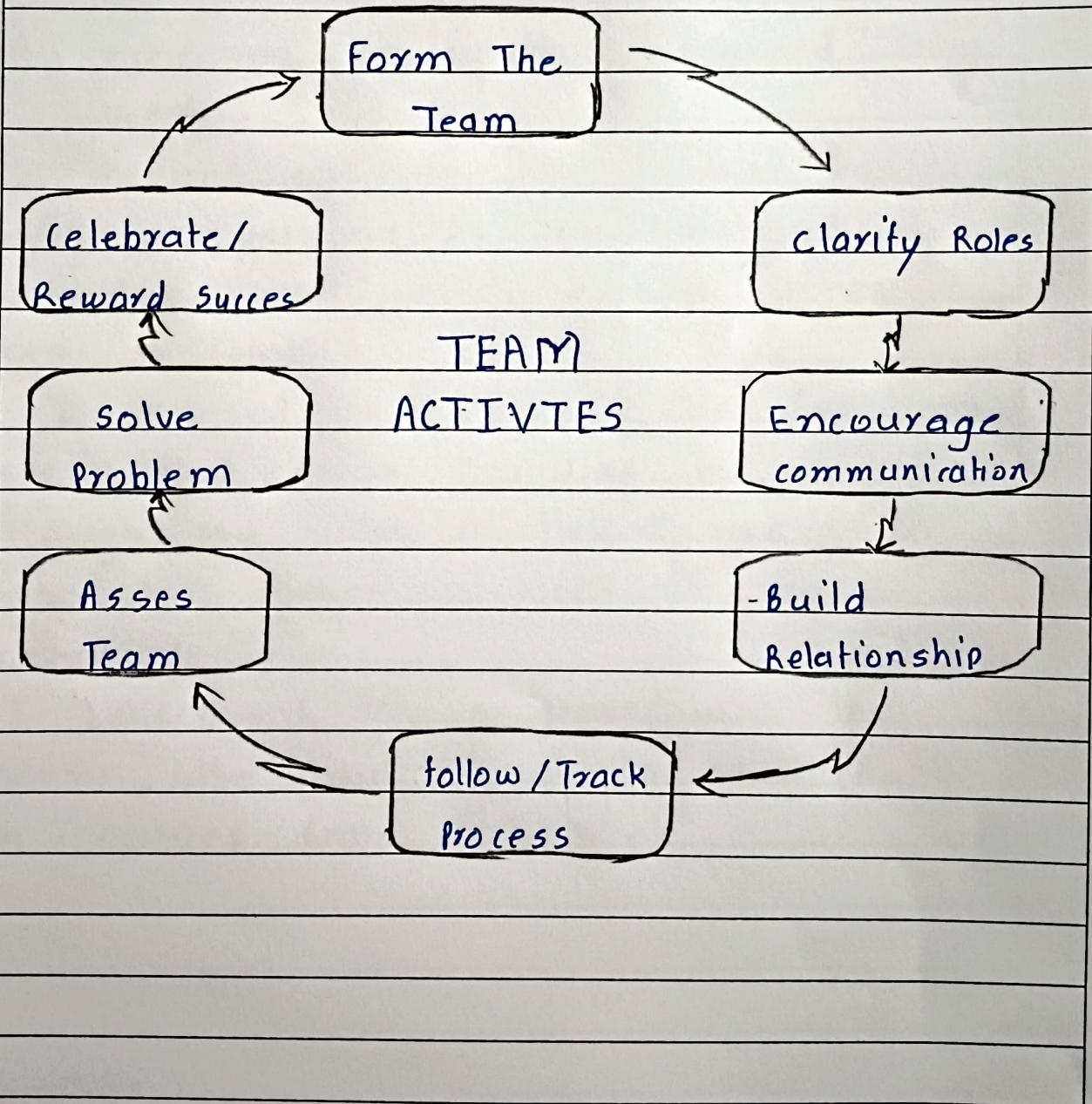
Internships Daily Diary (2025-26)

Week No:03

Day: Friday

Date: 26/06/25

Following diagram shows this Activities do the team





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Internships Daily Diary (2025-26)

Week No: 03

Day: Saturday

Date: 21/06/25

Topic : Weekly Review and self-Reflection

Today it was all about review and reflecting on what I learned during the week.

I revised concepts like Python basics, data analysis steps and observed workflows and also Numpy array and matplotlib.

I revised key topics like functions, loops and error handling by going through my notes it helped me understand how python is used in real scenarios.

I discussed my progress with the mentor, who guided me to start hands-on practices from next week.