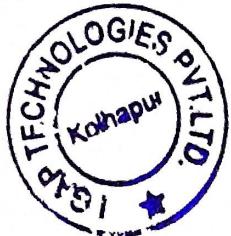


**Internships Daily Diary(2025-26)****Department of Artificial Intelligence & Machine Learning****Program Code :AN5K**Name of the Student: Samruddhi Bhikaji chougaleName of the Mentor (Faculty): Mrs . P.M. KumbharName of the Mentor (Industry): Mr. Abhijit GaitadeEnrollment Number: 23213500039

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 the working Environment	observed tools and works environment	 
	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 task in jupyter notebook	
	Fri, Date <u>20.06.25</u>	understanding workflow of Team	Understood team workflow and tools	
	Sat, Date <u>21.06.25</u>	Review and Self Assessment	Reflected on weekly learnings	



Internships Daily Diary (2025-26)

Week No: 3

Day: Monday

Date: 16/06/25

Topic :- Introduction to the Working Environment

Today, 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.

I observed the working habits of developers, such as code reviewing, task planning, and maintaining organized workspace. I also understood how each team member has a specific role, and how communication plays an important part in delivering effective results.

**Internships Daily Diary (2025-26)**

Week No: 3

Day: Tuesday

Date: 17.06.25

Topic :- observing software setup process

Today's 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 environments to avoid version conflicts. The developers used "pip" & "conda" commands to manage package.

I also saw how they used terminal commands to navigate directories and execute Python scripts.

I wrote a step-by-step guide in my notes for future reference



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Internships Daily Diary (2025-26)

Week No: 3

Day: Wednesday

Date: 18.06.25

Topic :- overview of Python coding Practices

Today's 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 & reliable code.



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Internships Daily Diary (2025-26)

Week No: 3

Day: Thursday

Date: 19/06/25

Topic :- Watching Data Analysis
in Jupyter Notebook

Today, I observed how the team works with data in Jupyter Notebook. They used "Pandas" to load and explore a 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,

Even 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: 3

Day: Friday

Date: 20/06/23

Topic :- understanding Team workflow

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 statements.

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've learned in theory to how it's used in a real work environment.



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Internships Daily Diary (2025-26)

Week No:

Day: Saturday

Date: 21,06,25

Topic :- Weekly Review & self-Reflection

Today's 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 & 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.