Internships Daily Diary(2025-26)
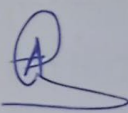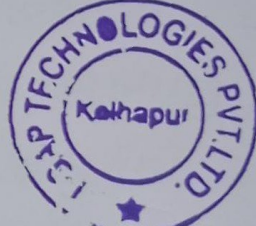## Department of Artificial Intelligence & Machine Learning

Program Code :AN5K

Name of the Student: Rane Priyanka Deepak

Name of the Mentor (Faculty) : Mrs. P.M.Kumbhar

Name of the Mentor (Industry): Mr. Abhijit. P. Gatade

Enrollment Number: 23213500012

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 16/06/25	Introduction to the working Environment	observed tools and work environment	
	Tue, Date 17/06/25	observing software setup process	Learned how environments are set up	
	Wed, Date 18/06/25	overview of Python coding Process	Watched Python coding practices	
	Thu, Date 19/06/25	watching data tasks in Juyter Notebook	saw data tasks in Jupyter Note book	
	Fri, Date 20/06/25	Understanding workflow and Team Activities	Understood team workflow and tools	
	Sat, Date 21/06/25	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 workspaces.

I also understand how each team member has a specific role, and how communication plays an important part in delvering efficient results

Internships Daily Diary (2025-26)

Week No: 3 **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 environments to avoid version conflicts.

The developers used pip and conda commands to manage package. 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 futur reference

Internships Daily Diary (2025-26)

Week No: 3	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 functions 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 practices and understood the importances of writing readable & reliable code

Internships Daily Diary (2025-26)

Week No: 3	Day: Thursday	Date: 19/06/25

Topic :- Watching data tasks in jupyter Notebook

Today, I observed how the team works with data in jupyter notebook, They used "pandas" to load and explore the datasets, 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

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Internships Daily Diary (2025-26)

Week No: 3	Day Friday	Date: 20/06/25

Topic :- understanding workflow and team activities

Today, I observed how the team applies python concepts in their work flow, even through . 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.

Internships Daily Diary (2025-26)

Week No: 3   **Day:** Saturday   **Date:** 21/06/25

Topic :- Weekly Review & 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 matplotlip

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

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