



Internship Program



Company Background

Syntecxhub is a forward-thinking company that bridges learning with practical experience. We provide internship projects across exciting fields like **Web Development, UI/UX Design, Frontend & Backend Development, Data Science**, and more, helping students gain real-world skills.

Our internships offer mentorship, hands-on tasks, and exposure to live projects, enabling students to enhance their knowledge, build confidence, and prepare for successful careers.



MACHINE Learning



Instructions

- Share your internship status on **LinkedIn** and mention **@Syntecxhub**.
- Upload your **entire source code** to **GitHub**, creating a repository named: **Syntecxhub_Project_Name**.
- You will receive **weekly tasks** that must be completed and submitted via the **Submission Form** within the given time.
- **you are required to complete at least one project.** Completing **multiple projects** is optional but **highly encouraged**, as it **demonstrates initiative and a deeper interest in learning**.



Project - 1

Flower Classification

- Load the Iris dataset, perform EDA and visualize feature pairs.
- Train classifiers (Logistic Regression / Decision Tree) and compare accuracy.
- Plot confusion matrix and interpret misclassifications.
- Build a small CLI or script to predict species for new input.

 **Example : Link 1, Link 2**



Project - 2

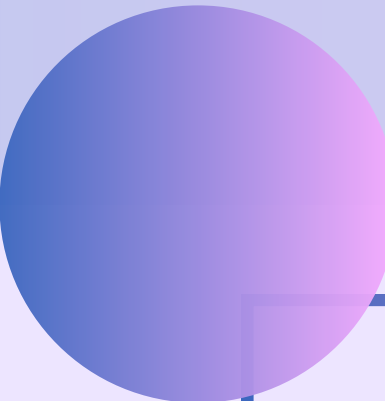
Spam Detection

- Load a labeled spam/ham dataset and preprocess text (tokenize, clean).
- Convert text to vectors with CountVectorizer / TF-IDF.
- Train Naive Bayes or Logistic Regression; evaluate with precision/recall/F1.
- Save pipeline (vectorizer + model) to reuse for predictions.

 **Example : Link 1, Link 2**



Submission Details

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- Each task consists of **three projects**. Every intern is **required to complete and submit at least one project** from each task.

- Completing all assigned weekly tasks is **mandatory** to successfully finish the internship. If an intern fails to complete the required projects, the internship will be considered **incomplete**, and the **certificate will not be issued**.

- Please ensure that all completed projects are submitted through the official **Submission Form** to confirm your **successful participation in the internship program**.



Thank You.

Get In Touch With Us



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