



SYNTECXHUB
CREATE | THINK | SOLVE

A large, semi-transparent circular graphic is centered on the page. It contains the company's 3D blue 'S' logo at the top, followed by the company name 'SYNTECXHUB' in bold blue capital letters, and the tagline 'CREATE | THINK | SOLVE' in a smaller blue font below it.

Internship Program

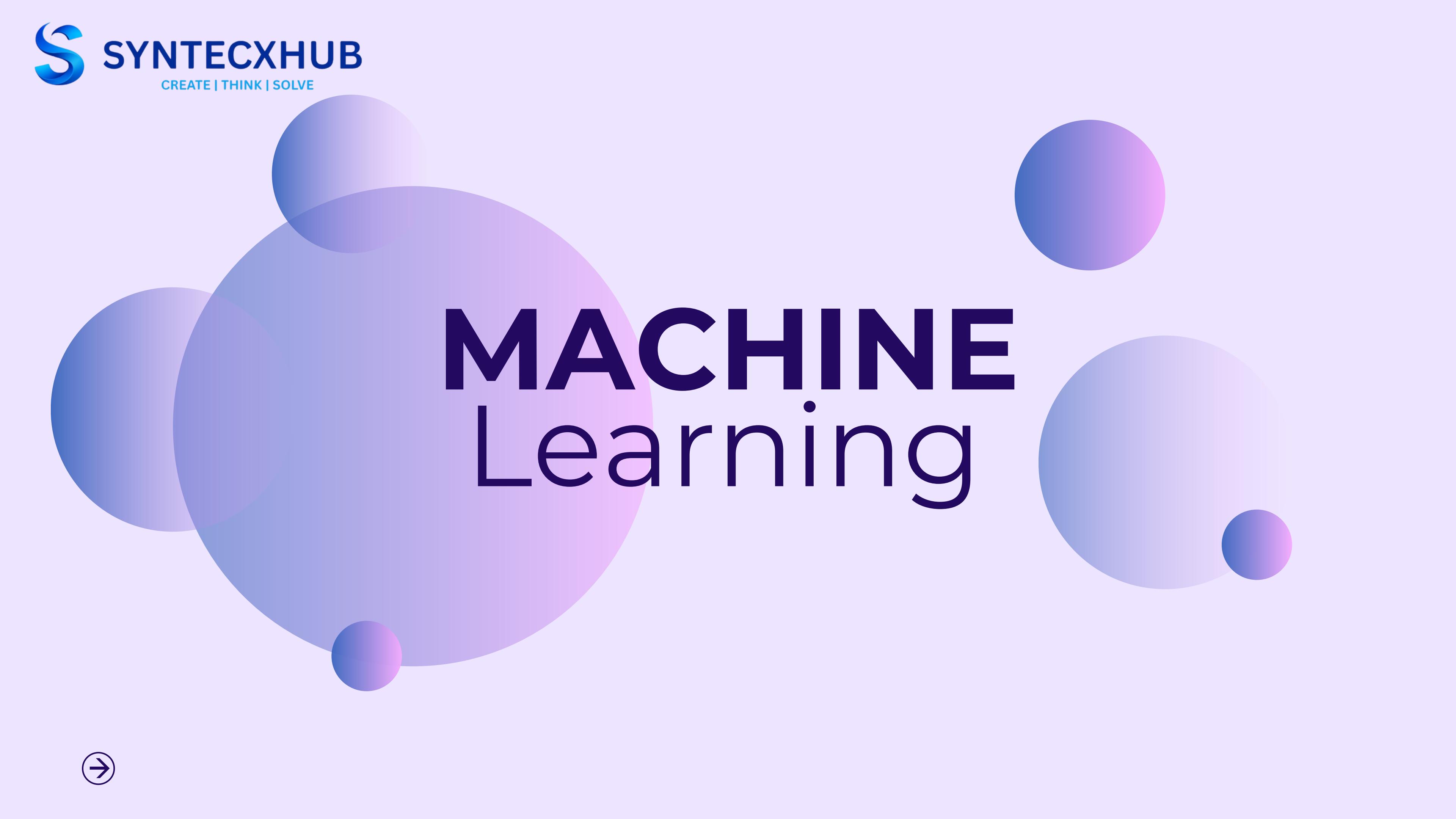


Company Background

Syntechhub 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 **@Syntechhub**.
- Upload your **entire source code** to **GitHub**, creating a repository named: **Syntechhub_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

Customer Segmentation

- Use a customer dataset (Mall Customers or similar), clean & scale features.
- Use elbow method to choose k, apply K-Means and visualize clusters.
- Profile clusters (age, spending score) to derive marketing actions.
- Save cluster labels and create short report per segment.



Example : [Link 1](#), [Link 2](#)



Project - 2

Credit-Card Fraud Detection

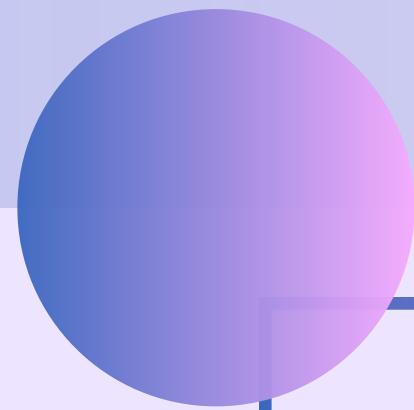
- Explore the imbalanced fraud dataset, do EDA and visualize class imbalance.
- Apply sampling approaches (undersampling / oversampling / SMOTE) as needed.
- Train a Random Forest / XGBoost model and evaluate with precision, recall, ROC-AUC.
- Discuss tradeoffs (precision vs recall) and present business decision thresholds.



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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