**October’24 Monthly Report**

**SIG AI Monthly Report - October 2024**

**Juniors:**

* Most Valuable Performer (MVP): Karthik R S

Activities:

* Contributed to “Hacktoberfest” by participating in open-source projects.
* Actively participated in “internal events” like EpochOn.
* Continued learning and worked on advanced projects.
* Assisted freshers with understanding machine learning modules and applications.
* Participated in SIG AI workshops and contributed to group projects.

**Freshers:**

* Learning Modules (Kaggle and DataCamp):\*\*
* Courses Completed:
* Kaggle: Introduction to Machine Learning, Intermediate Machine Learning
* DataCamp: Intermediate Python, Introduction to NumPy, Data Manipulation with Pandas, Understanding Machine Learning
* Topics Covered: Python basics, Pandas, Introduction to ML, Intermediate ML, and other ML foundations.
* Practical Learning (Krish Naik’s YouTube):
* Watched video tutorials to understand practical ML applications.
* Started implementing concepts on datasets using regression and classification models.

**Model Applications**:

* Linear Regression: House price prediction, ice prediction datasets
* Logistic Regression and KNN: Practiced on multiple datasets, including Naive Bayes for classification tasks.

Events and Contributions:

* Participated in \*\*Hacktoberfest\*\* and contributed to open-source projects.
* Took part in \*\*EpochOn\*\* and engaged in various activities organized by the SIG AI group.
* Took Active Participation in Event Flow, POC, Food departments in \*\*EvoLUMIN\*\* Hackathon