ML Project Weekly Update

Week 2: February 24, 2025 – February 28, 2025

Work Done:

- Continued in-depth review of relevant research papers
- Further analyzed the spatio-temporal dataset to refine understanding of its structure and characteristics
- Explored DBSCAN (Density-Based Spatial Clustering of Applications with Noise) as a potential method for identifying patterns and anomalies in the dataset

Planned Activities for Next Week:

- Continue literature review to gain deeper insights into advanced methodologies and best practices
- Investigate the applicability of DBSCAN for clustering and anomaly detection in spatio-temporal data
- Explore techniques for integrating the dataset with the selected algorithm