Weekly Journal

**Date:** 07/08/2025  
**Attendees:** Bhargava Dandu  
**Supervisor:** Dr. Zohaib Ijaz

**Key Discussion Points:**

* **Progress Update:** We have implemented the ML model and further tuned the ML model by performing cross validation.
* **Challenges Faced:** The major challenge faced is preprocessing the data before implementing the ML model.
* **Next Steps:** We got improvement in the model performance after performing Cross validation. The next steps would be performing hyperparameter tuning and improving the model performance.

**Journal Prepared by:** Bhargava Dandu.

**Signature of Supervisor**