

1. Project Introduction: From Intermediate report. Remember urbanization means building construction and its height not population.
2. Motivation: Also include bangalore (city with rapid urbanization) and Sundarbans without urbanization
3. Dataset
 - a. About Dataset from <https://doi.org/10.1038/s41597-022-01193-w> and nasa sedac
 - b. EDA of
 - i. Bangalore
 - ii. Sundarbans
 - c. Feature Engineering
 - i. Spatial Features
 1. Mean, SD, Skewness, Kurtosis => answer
 - a. Why they are
 - b. What are they
 2. RFCM features => answer
 - a. Why they are
 - b. What are they
 - ii. Temporal Features:
 1. LSTM: Lookback window
 2. ARIMA: Lags
 - d. What we are forecasting: Mean value
4. Models (includes basic introduction)
 - a. LSTM
 - b. ARIMA
5. Model Selection: Process of identifying best hyperparameters, explain how we approached its vvim (includes hyper parameter tuning and MAPE values on validation data)
 - a. LSTM: MAPE has figure in the LSTM code use that
 - b. ARIMA: Create a table of MAPE values and use that
6. Model Evaluation (Includes test data forecast with MAPE values)
 - a. LSTM
 - b. ARIMA
7. Future Projection till 36 month forecast
8. Conclusion
9. References

