

Evaluation of machine learning based Quantitative Precipitation Estimation

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- Objectives

- Evaluate Machine Learning based Quantitative Precipitation Estimation models over Florida region

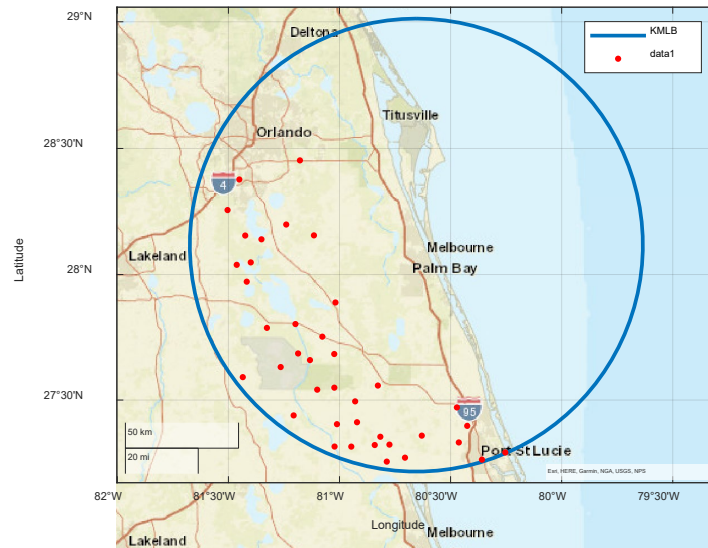


Figure 1. Map of KMLB radar and rain gauges

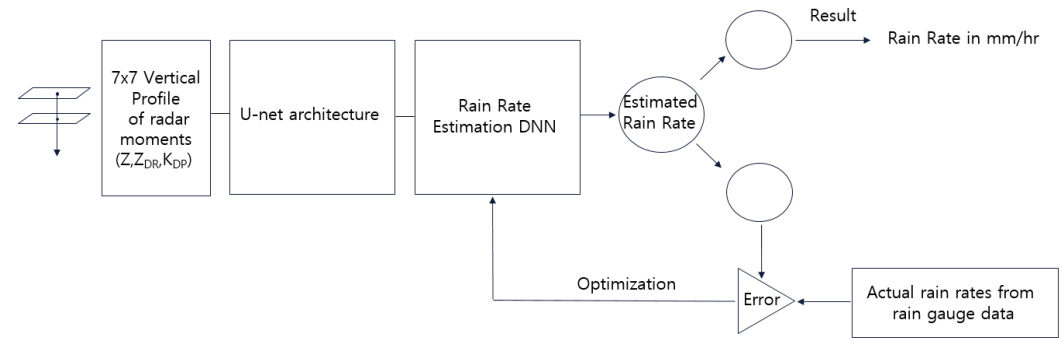


Figure 2. Flowchart of machine learning model

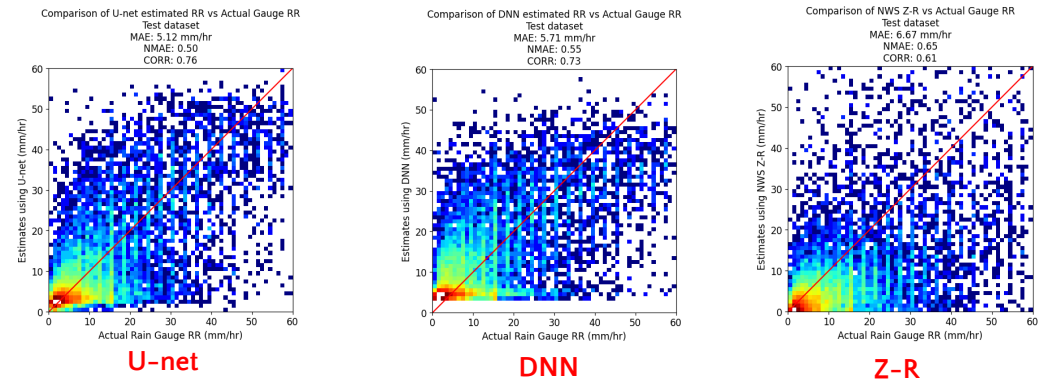


Figure 3. Scatter plot of QPE products

- KMLB S-band NEXRAD radar dual polarization products were used
- 39 rain gauges are present within 100km range from KMLB radar