

Start: Raw RSSI Data

Data Preprocessing: Resampling, Smoothing, Interpolation

Preprocessing ensures temporal continuity and removes noise from RSSI data.

Exploratory Data Analysis (EDA)

EDA provides insights into RSSI patterns, distributions, and trends.

Windowing and Sequencing

Windowing creates fixed-size sequences for time-series modeling.

Feature Extraction and Transformation

Feature extraction prepares the data for machine learning algorithms.

Machine Learning Pipeline

The ML pipeline trains models and evaluates their performance.

Results and Insights