

Abstract

The sea is the largest area in Indonesia, more than 70% of Indonesia's territory is ocean. Sea level is always changing at any time and in some moments can cause tidal flooding which causes sea water to enter the land when sea level begins to rise. Prediction of sea level in the future is needed to anticipate future disasters. In this final project the author will take an example of sea level data in Cilacap to make predictions of water level, this study uses Extreme Gradient Boost (XGBoost)..

Keywords: Sea Level, XGBoost