

Ensemble of Random Forest and Linear Regression to Predict the Future Mortality Rate

Abstract

The effects of air and water pollution on the mortality rate are a substantial problem of Indian society. The objective of this report is to analyze and predict the future mortality rate due to air and water pollution. I will take 'air quality data' and 'water quality data' from Central Pollution Control Board (CPCB), India for the purpose of prediction and analysis. Further, I will develop and implement an ensemble model of Random Forest and Linear Regression for this pursuit that will predict the collective mortality rate due to air and water pollution.