AI based environmental quality prediction model

Monitor and predict

* Air pollution levels in urban areas

traffic patterns, weather conditions, industrial activities

* Water quality and pollution levels in rivers

industrial discharge, agricultural runoff

* Coastal pollution levels

Impact of human activities – tourism, fishing, industrial discharge

* Soil pollution levels

agricultural practices, land use changes, and environmental conditions.

Output

* dashboard displaying predicted environmental quality metrics

Objectives

* predicting pollution levels effectively
* providing insights for decision makers and the community

Methodology

* Predictive modelling