**Rock vs Mine Prediction**

**Batch no : 5 Date :- 30/10/2021**

**Abstract**

The discovery of rocks and minerals would have been challenging past the development of the SONAR technique, which relies on certain parameters to be able to detect the obstacle or the surface is a rock or a mine. Machine learning has drawn the attention of a maximum part of the technology-related and based industries, by showing advancements in predictive analytics.

The main aim is to emanate a capable prediction representative, united by the machine learning algorithmic characteristics, which can figure out if the target of the sound wave is either a rock or a mine. This attempt is a clear-cut case study that comes up with a machine learning plan for the grading of rocks and minerals, executed on a huge, high spatial, and complex SONAR dataset.

Machine learning is performing a major role in improving the quality of detection of underwater natural resources and will tend to be better soon.

**Keywords**

Machine learning; prediction; feature selection; data visualization; data analytics; rocks and mines; SONAR

**Project Guide**

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