

ABSTRACT

Many who are looking for agate will be collected not only rock lovers in Indonesia but also rock lovers from various countries around the world have started looking for agate in Indonesia for collection. Agate has a unique color beauty and has its properties depending on the type of agate. However, people find it difficult to know the type of agate because there are many fake stones made of glass, and agate of one type can reach dozens of types. So many people suffered a lot of losses. rock is structured on the minerals that formulate. Minerals that are composed of only one element are called also elements. The minerals formed will be determined by the elements and through different pressures and various temperatures. Basically, metals such as Cu, Zn, Pb, and Fe which contain sulfur, sulfides of several elements will be formed such as FeS₂, CuS₂, PbS, and ZnS. In this study, 6 types of Purple Amethyst Agate, Red Jade Agate, Blue Jade Agate, Green Jade Agate, Badr Lumut Agate, Badr Iron Agate, and 1 Kali Stone were used as data sets to create a stone management application. agate automatically. This website is to make it easier for users to identify agate whether the agate is a type of agate or river stone, in making a website using the python programming language using a framework flask.

keywords: Agate, CNN, Mineral, Python, Flask, Interpreted.