

LAPORAN SKRIPSI

APPLE TYPE CLASSIFICATION USING INCEPTIONV3



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SEMARANG

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Diajukan dalam Rangka Memenuhi

Salah Satu Syarat Memperoleh

Gelar S.Kom



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ABSTRAK

The various forms of apple skin variations can certainly make it difficult for local people to determine the type. The use of technology that uses machine learning can overcome problems that occur in determining the kind of apple skin variation. In recent years, machine learning methods have become more popular in classifying images. This research implements InceptionV3 and CNN methods that have never been trained before to improve performance in classifying apple fruit types. InceptionV3 and CNN are used separately in classifying apple fruit types. The learning method in this study is used to validate that the target accuracy is more than 0.90 and the loss is less than 0.05.

Kata kunci:

inceptionv3,

cnn,

classification,

apple