

04 Melanoma Classification (Imaging)

Context

Skin cancer is the most prevalent type of cancer. The American Cancer Society estimates over 100,000 new melanoma cases will be diagnosed in 2020. It's also expected that almost 7,000 people will die from the disease. Here you are asked to build a ML model able to identify melanoma in images of skin lesions.

Data and Description (Kaggle Competition)

www.kaggle.com/c/siim-isic-melanoma-classification/overview

Downsized data here:

www.kaggle.com/c/siim-isic-melanoma-classification/discussion/164092

Use the available labelled dataset for training and evaluation (and split it accordingly) if the test labels are unavailable.

Reference

Esteva, A., Kuprel, B., Novoa, R. *et al.* Dermatologist-level classification of skin cancer with deep neural networks. *Nature* ([link](#))