Machine Learning for Image Processing in Orthopaedics

ORS Virtual Scientific Session

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A brief introduction

"Machine learning, neural networks, and artificial intelligence are increasingly being used in orthopaedics for image processing and analysis tasks. These techniques can be used to **automatically analyze medical images** such as X-rays, MRI scans, and CT scans to **extract important diagnostic information** and help with diagnosis and treatment planning. Machine learning algorithms can be trained to **recognize patterns in the images**, and neural networks can be used to process and interpret the data in a more human-like way. These approaches can be used to **identify abnormalities, measure bone density, and classify different types of tissue**, among other tasks. By automating these processes, doctors and other healthcare professionals can **save time and improve the accuracy of their diagnoses**"

- ChatGPT (emphasis mine)

The design is <u>clean</u>

The rules are <u>simple</u>

The code is <u>extensible</u>

This is an item
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Open Source Fonts

This is Montserrat

This is Noto Sans

This is Lato (light)

`This is inconsolata`

THIS IS ALEGREYA SANS SMALL CAPS

Color Palette

BIG BOLD TEXT

RUN!