

Ideas

1. Pneumonia Detection

To Develop a machine-learning model to predict the presence of pneumonia in medical images of the lungs. The model was trained on a dataset of chest X-rays from patients with and without pneumonia and was able to accurately classify new images as either positive or negative for pneumonia.

2. Natural Language Processing: Classify Amazon reviews based on the customer's ratings.

Our objective is to develop a classifier that can precisely evaluate the content of a review and allocate the most appropriate rating according to the message conveyed in the text.

3. Severity Detection of Knee Osteoarthritis

We are developing a machine-learning classification model that uses knee X-ray images to detect and evaluate the severity of knee osteoarthritis.