

# CSE 472 Project

Crackle and wheeze detection in lung sound signals  
using convolutional neural networks

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# Details

Task : To detect if there's any crackle or wheeze in respiratory sound from an audio file

Prior Work : [Find](#) the IEEE Paper

Dataset : [Respiratory Sound Database from Kaggle](#)

Architecture : CNN

Challenges : Dealing with class imbalances

Evaluation Metric : f1 Score

Proposal Video : [Click](#) here