

OPEN PRESENTATION

PROJECT WHEELS

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LAST PRESENTATION

BRIEF INTRODUCTION OF THE PROJECT

- How can imu data be used to identify wheelchair basketball specific movements?
- Detecting: sprints, Rotations, collisions, fast breaking, fast defense
- Movements need timestamps -> analyze video's

PROJECT ACTIVITIES

- Desk research
- Programming -> working on different machine learning models

THE PRESENT

- Coding models: Decision tree classifier (90%)
recall(50%)
- definitions in the dataset
- The options:
 - Neural networks
 - Repeat modelling and improving the dataset
 - decision tree
 - SGD



WHAT IS NEXT?

- Image recognition
- Convolutional neural network
- Improving our current models
 - making statistical overview