

OPEN PRESENTATION

PROJECT WHEELS

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RECAP

WHAT HAVE WE DONE

- Detect Sprints
 - Decision Tree
 - Neural Network
 - Stochastic Gradient Descent

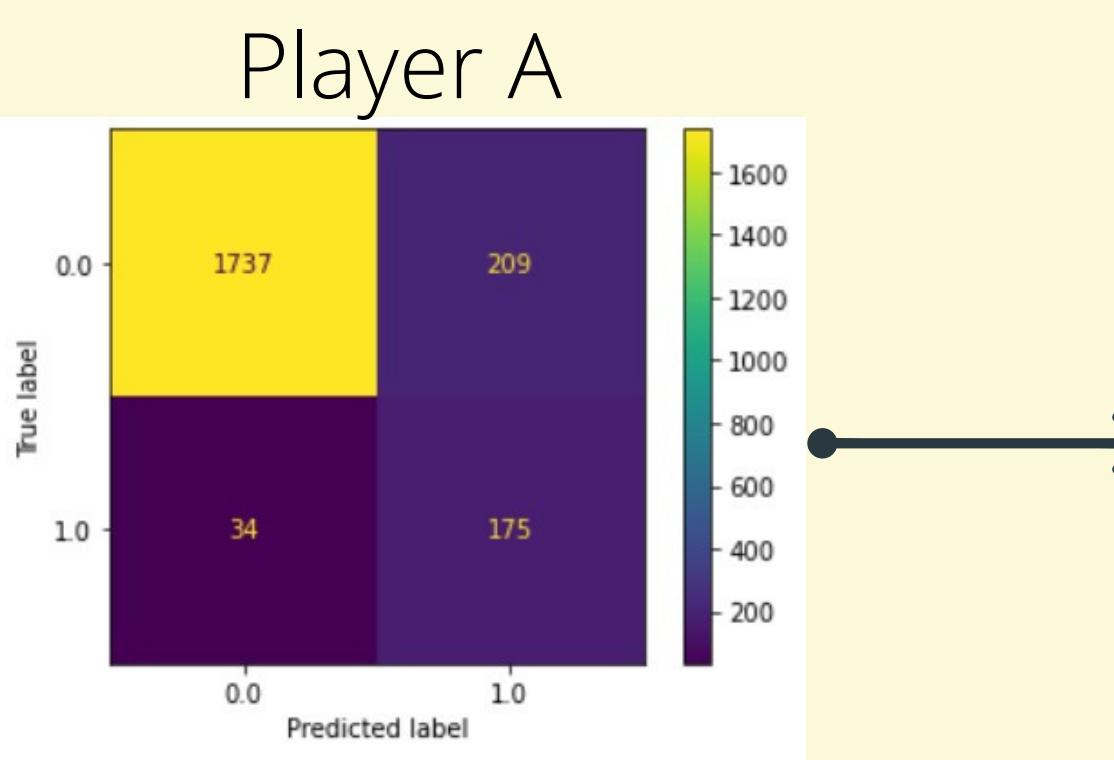
WHAT WE WANTED TO ACHIEVE

- Detect sprints
 - 1D Convolutional Neural Network
 - Random Forest Classifier
- Expand dataset

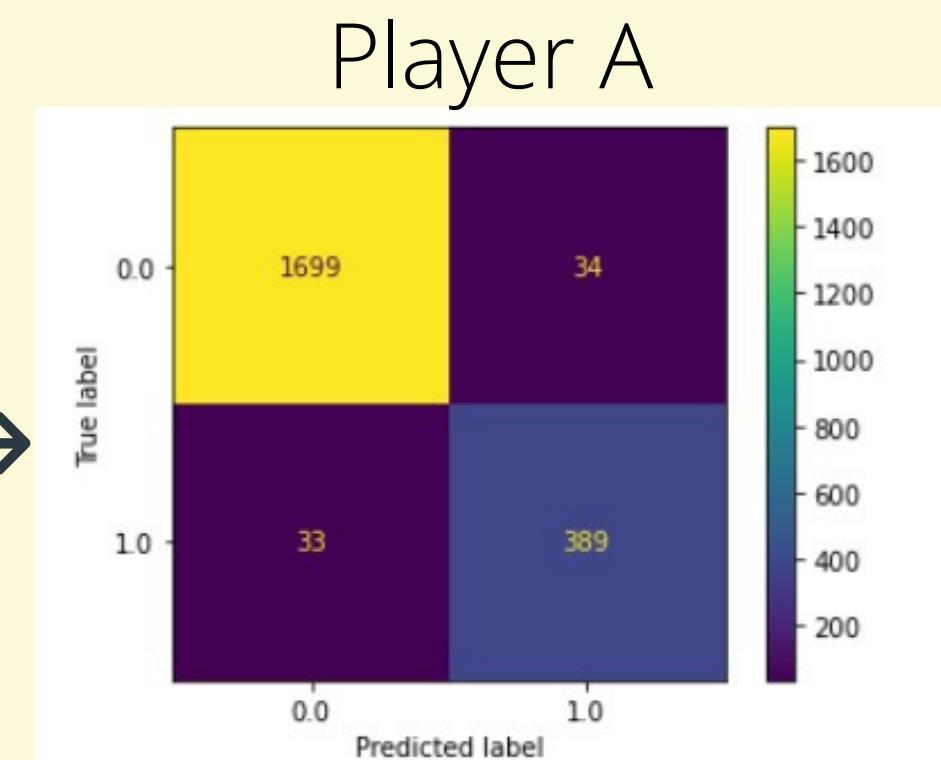
THE PRESENT

- Sprints
 - Random Forest Classifier (RFC)
 - Recurrent Neural Network (RNN)
 - 2D Convolutional Neural Network
- Compare RFC and RNN

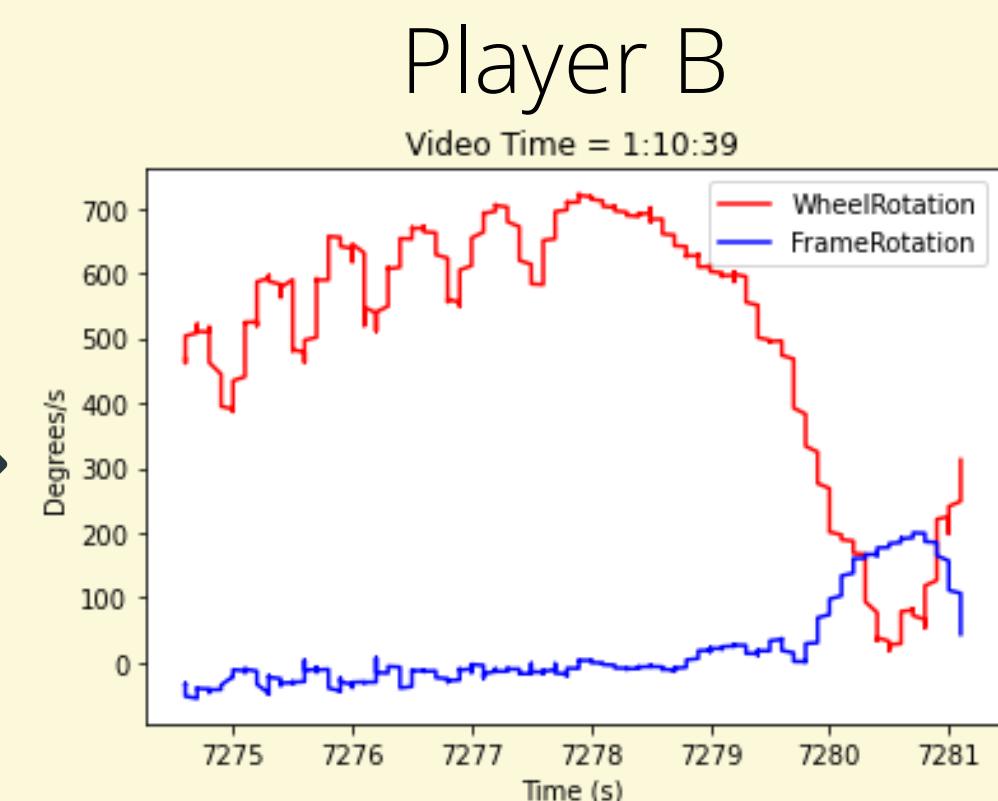
RESULTS



Before comparing models



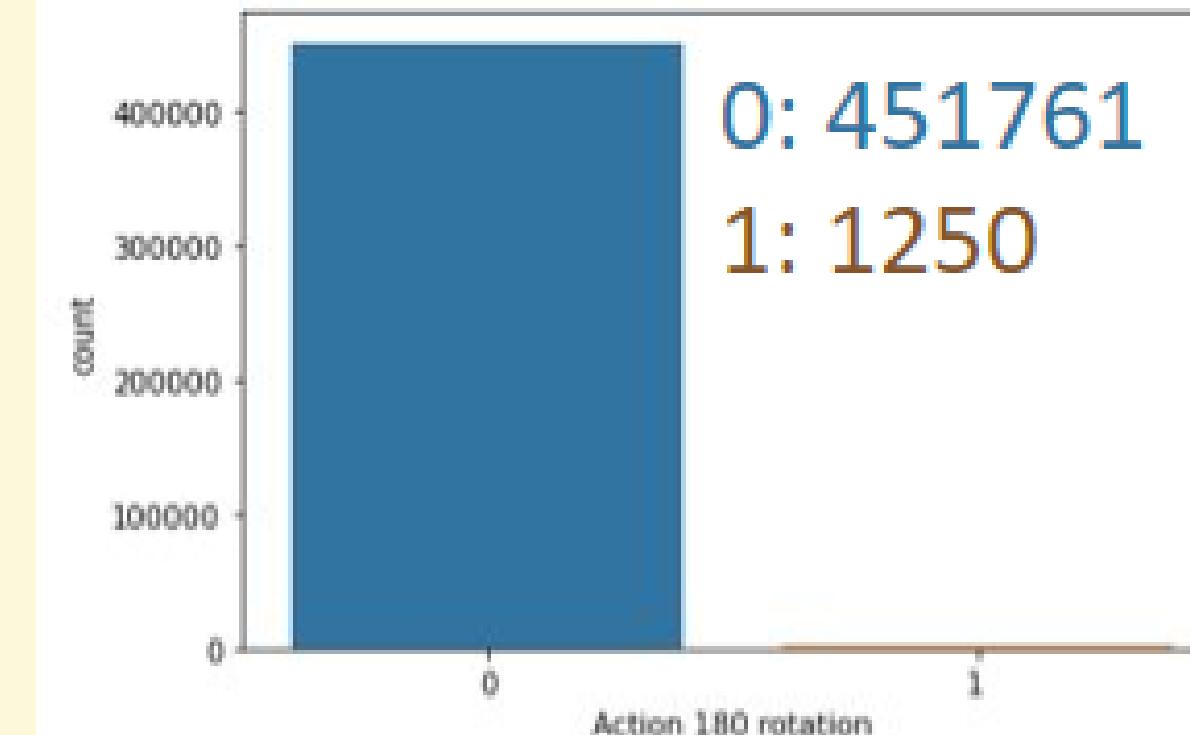
After comparing
models



WHAT'S NEXT

- Rotations and Collisions
 - Balancing the dataset
 - Training Model
- Research Paper

Rotations action count (based on 0.01 secs)





QUESTIONS?
