

TTJUDGE

Dataset

You can find dataset used in the project [here](#)

It was originally used and published on [this website](#)

Purpose

In Spring 2023, I did this personal project in order to create a tennis table referee based on videos.

How to install

```
pip install -r requirements.txt
```

See [requirements.txt](#) for needed dependencies.

Introduction

This project analyzes ping pong/tennis table games from the ground up, identifying the table, tracking the ball, and detecting events. This information may be used to referee a ping pong game and develop additional training activities.

The rest of this README explains how to gather and clean data, how to identify tables/balls/events, and how that data is utilized by the referee and training games.