

## Tableau project proposal – Zahir Rahman

### Executive summary:

This project will take a look at data from ADCC 2022 (The premier no-gi submission grappling tournament) to gain insights about the meta of the sport at the highest level. I chose this topic as it is centred around the sport I practice and will give me some insights into how the sport operates on the highest professional level

### Why:

It takes a large time (and money) investment into becoming a proficient grappler. With thousands of possible techniques to learn, it is therefore crucial to know which techniques are most worthy of investing the time to learn. Therefore this project will look at the most common submission techniques at the highest level of the sport so students know what to prioritise in their training and coaches know what is most relevant and effective to teach.

### Who:



Name: Carlos Silva

Role: owner of a martial arts academy and jiu jitsu instructor

Age: 49

Gender: Male

Goals:

- Wants to ensure his students are learning the highest quality of technique possible.
- Wants his academy to produce the top competitive athletes on the competition scene.
- Prefers data-driven decision making.

### Challenges and needs:

Carlos is concerned that his current teaching curriculum isn't up to the standard that is required to keep up with the latest meta of the sport. He is interested in learning what submission attacks are most common at the highest level of the sport in order to make the most effective and efficient curriculum possible.

**Context:** board meeting with other instructors and business partners.  
Needs simple, effective and easy to read information that is readable on a big screen.

Carlos is a well trained jiu jitsu instructor of over 28 years of experience in the art. He is also an experienced businessman who seeks excellence when it comes to all of his business endeavours, particularly with his martial arts academy. This business minded approach has moulded him to seek optimal efficiency within his martial arts practice and business endeavours alike.

**What:** ADCC 2022 source dataset <https://www.kaggle.com/datasets/matheus Alves1/adcc-2022-matches-dataset>

This data source was used as it is the most relevant to the goals of the project, it is public and it only requires some minor cleaning (changing a few submission names).

**How:**

The findings of this project will likely be displayed on a single page graphic/dashboard but subject to change.

**Foreseeable challenges:**

Finding the most effective methods to visualise the data. Potentially finding other ways outside of submissions to achieve the goal of the project.