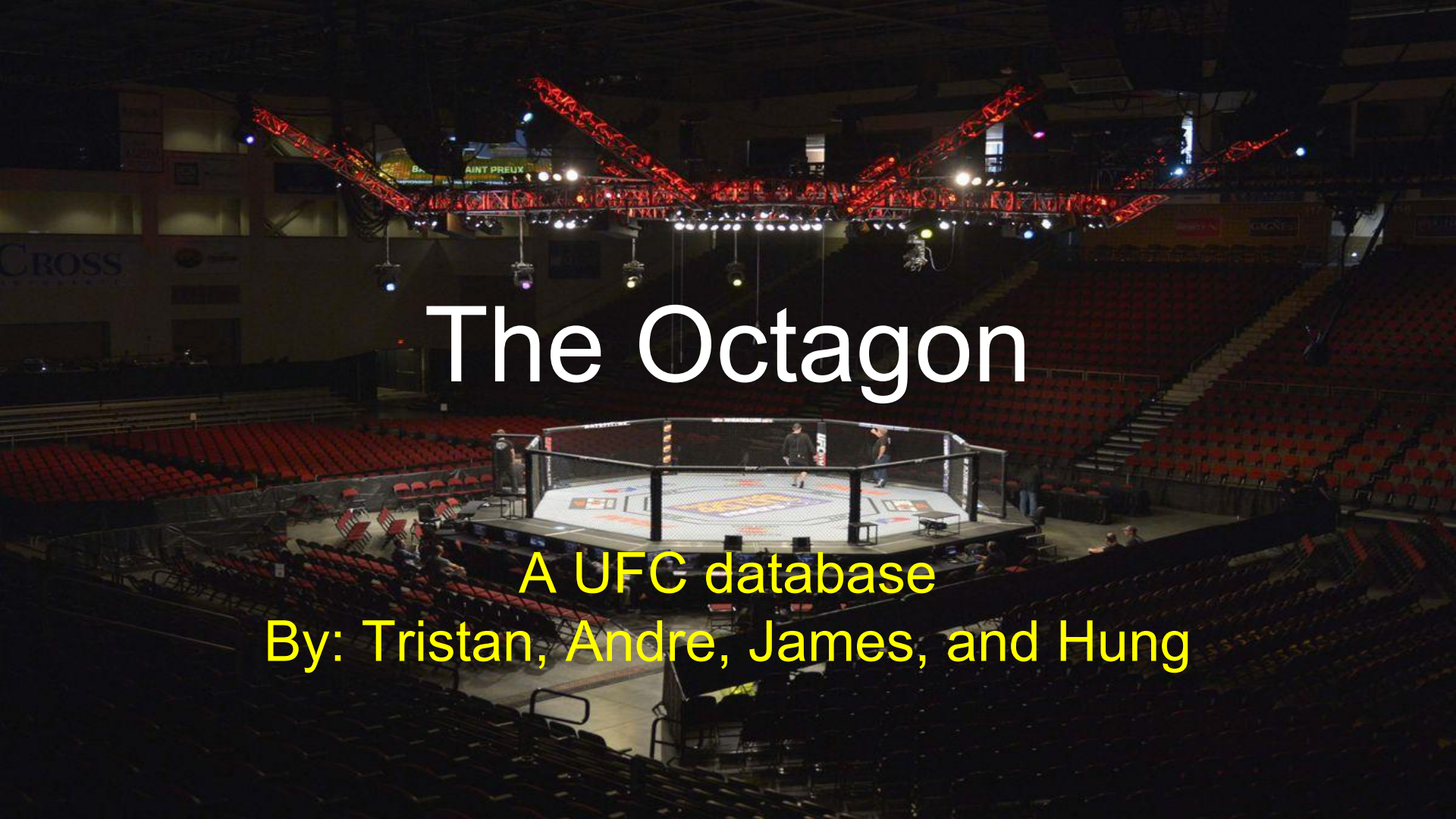


The Octagon

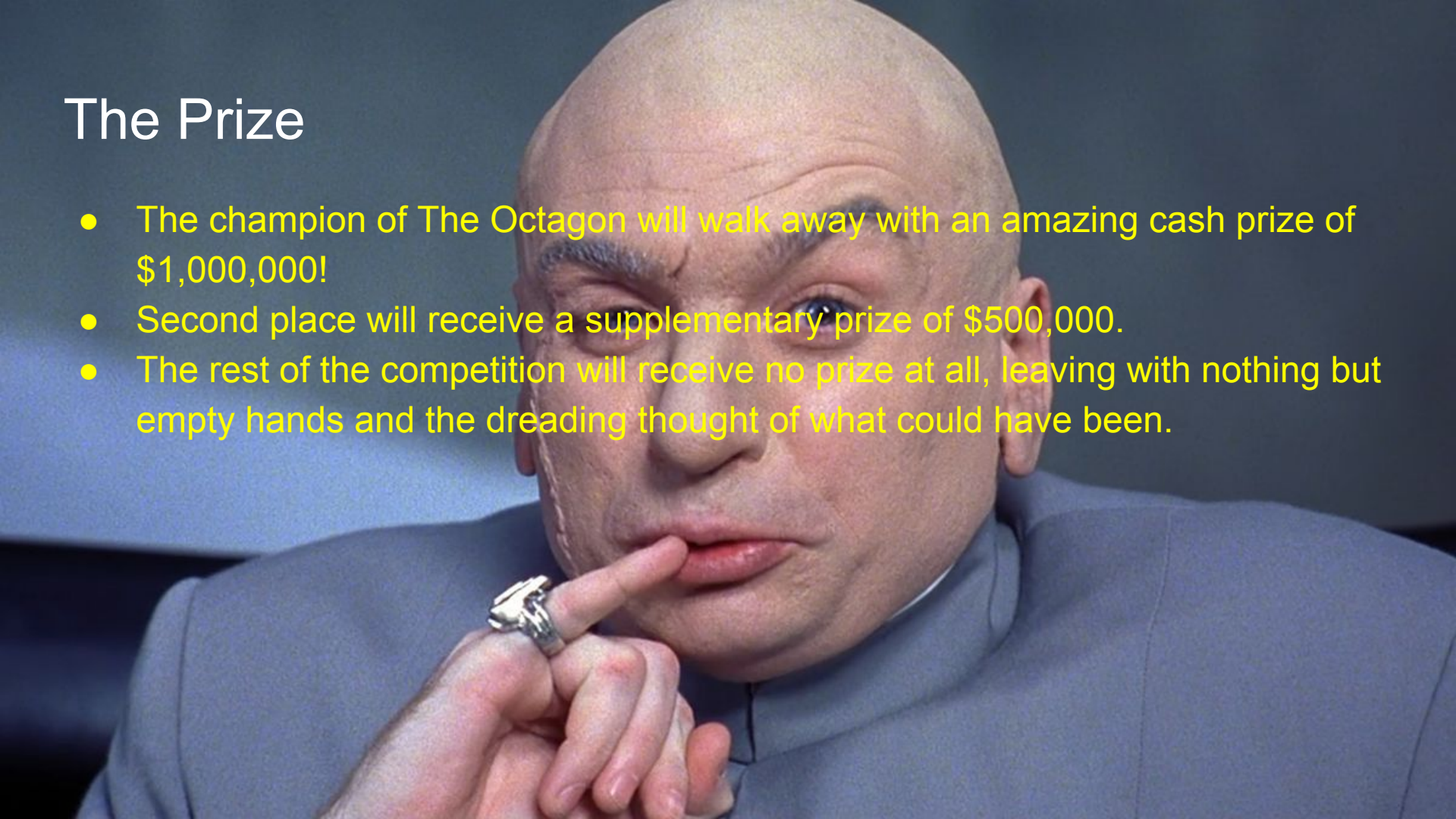
A UFC database

By: Tristan, Andre, James, and Hung

The Competition

- The Octagon is a tournament of tournaments composed of some of the greatest UFC fighters alive.
- The fighters are broken up into weight classes, resulting in four different tournaments with 16 fighters each.
- Sparring in a one-round-knockout style bracket, these fighters will battle their hearts out through multiple rounds of fierce competition. The result will be 4 showdowns between the two best fighters of each weight class in an amazing feat of mixed martial arts.
- What is this all for you may ask?

The Prize



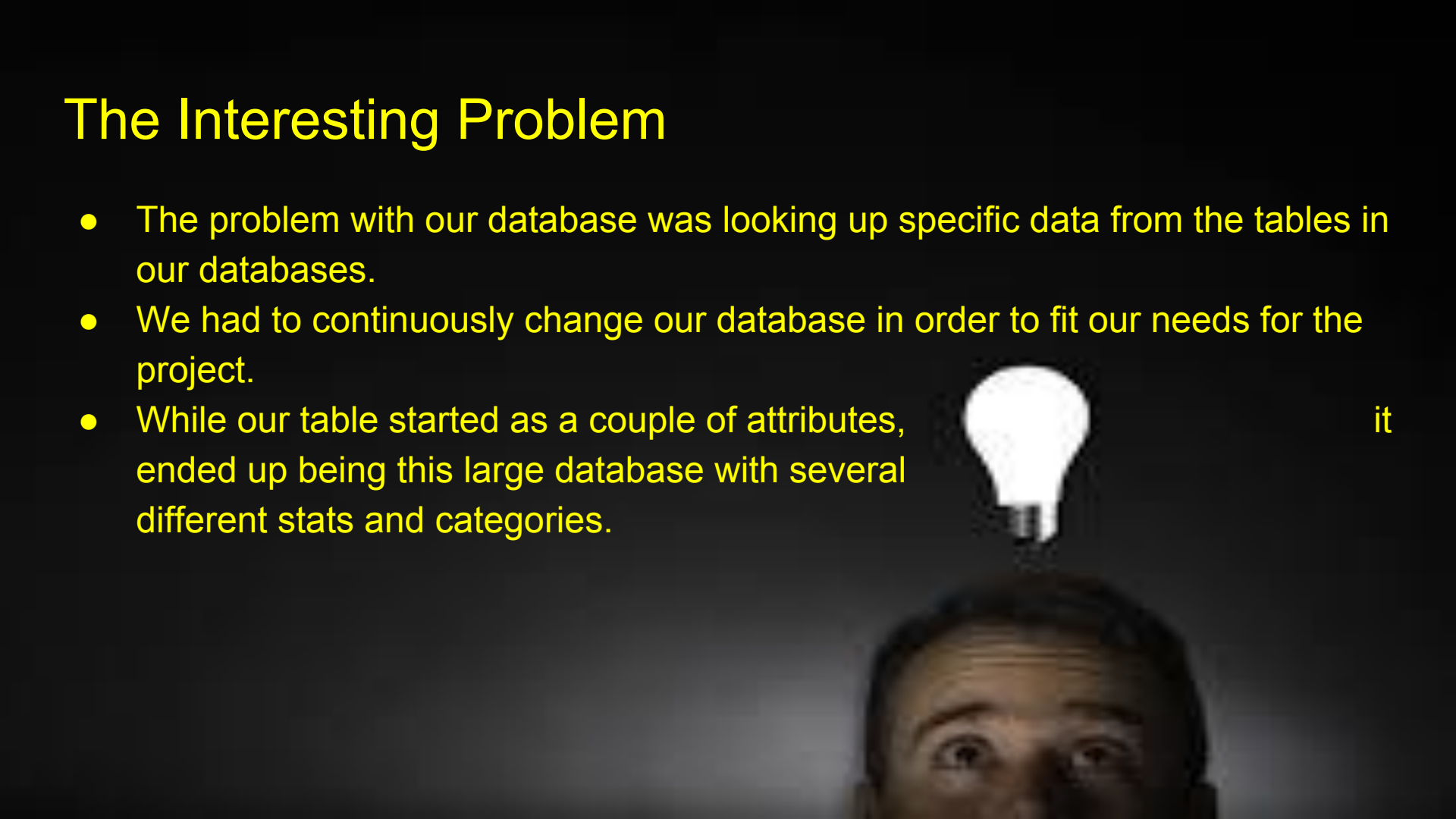
- The champion of The Octagon will walk away with an amazing cash prize of $1,000,000!
- Second place will receive a supplementary prize of $500,000.
- The rest of the competition will receive no prize at all, leaving with nothing but empty hands and the dreading thought of what could have been.

Our Database

- To keep track of The Octagon, we have comprised an SQL database of individual fighters and their key attributes.
- Our 4 tables represent the different weight classes the fighters are grouped into at the beginning.
- Each table is filled with 16 fighters and their individual stats, populated by separate CSV files.
- Attributes important to the organization of the competition are kept track of, such as fighter’s names and ID numbers, as well as fighting stats like strike accuracy and number of knockouts that help differentiate fighters based on skill.

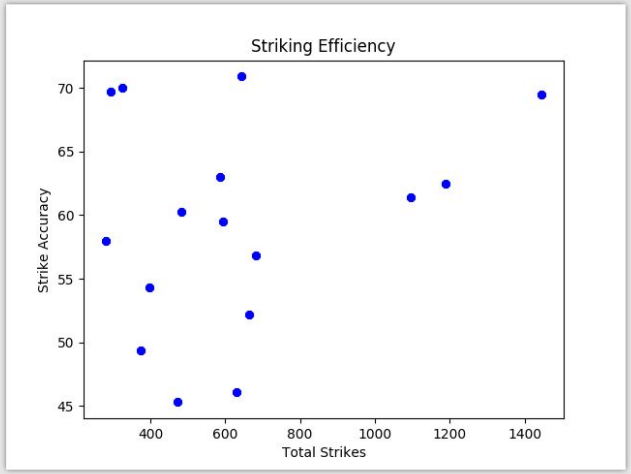
The Interesting Problem

- The problem with our database was looking up specific data from the tables in our databases.
- We had to continuously change our database in order to fit our needs for the project.
- While our table started as a couple of attributes, it ended up being this large database with several different stats and categories.

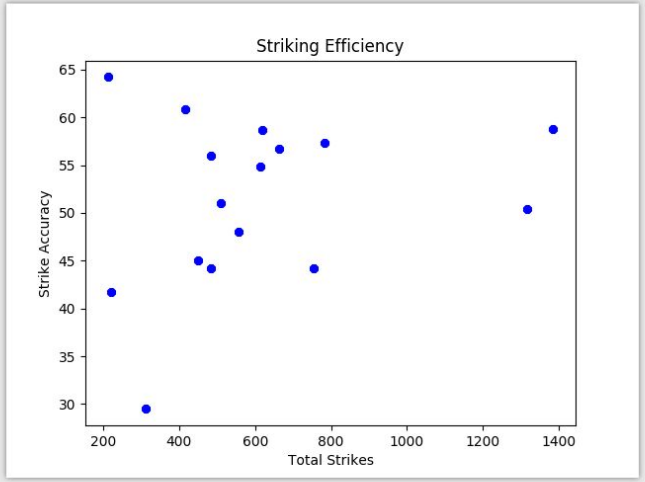


Code Organization

Graphs



Men’s Heavyweight



Women’s Strawweight

Don’t Believe Me?

BOOM →