

An aerial, high-angle view of a UFC arena, likely the MGM Grand Garden Arena in Las Vegas. The arena is filled with a large crowd of spectators. In the center, the octagonal fighting cage is visible. Above the cage, a large circular screen displays a UFC fight. The arena's architecture features multiple tiers of seating and a curved roof structure. The text "UFC MATCH PREDICTOR" is overlaid in large, white, sans-serif capital letters across the middle of the image. Below it, in smaller white capital letters, is "BY: AREF JADDA".

UFC MATCH PREDICTOR

BY: AREF JADDA

THE FULL PROCESS



Data Cleaning

Machine Learning
with Scikit Learn

Deep Learning

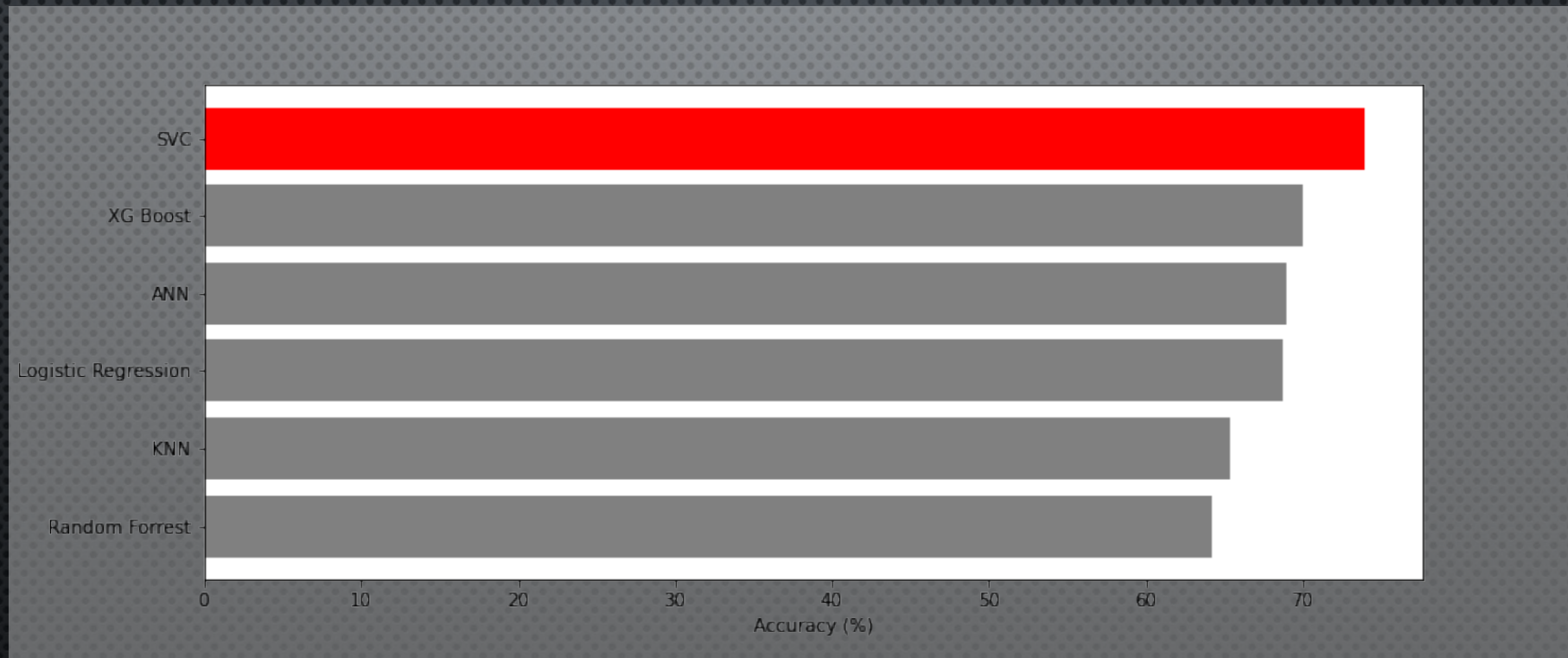
Building An App




Tools used:



THE MODELS



CHALLENGES WITH THIS DATA

- Small dataset
- Lots of different factors are involved in the outcome of sports in general
- In fighting the slightest mistake can end the fight early
- In fighting: $A > B$ & $B > C \rightarrow$  $A > C$

NEXT STEPS

- Collect more data, as much as possible!
- Add features such as:
 1. Main fighting style (grappler, striker, mixed)
 2. Original martial art (ex. They started with wrestling or karate)
 3. Do they have children?

THANK YOU!



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