

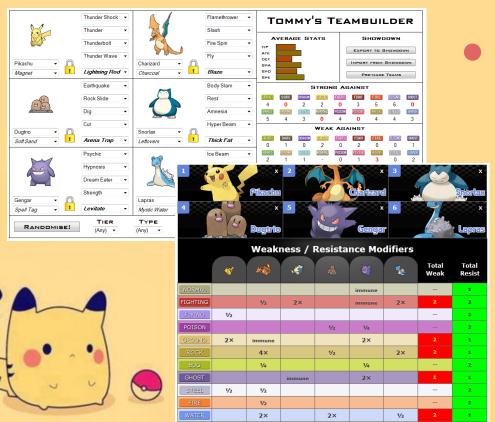
CMPM 146 Spring 2015

Al as "Analyst & Advisor"

- Al as Analyst
 - Analyze the data from the game and determine capacities of Pokémons.
- Al as Advisor
 - Assist players how to build a good Pokémon team by generating well-balanced teams with high comprehensive capacity.



Existing Pokémon Team Generators

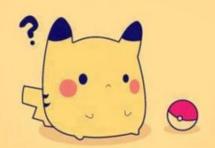


 Existing tools only showed statistics of chosen Pokemon.

The one generator we found only randomized.

(Demo)





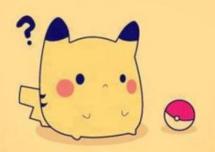
Technical Problems

- How do we format our data?
 - JSON file that is parsed into Java arrays, ArrayLists, and Hashtables
- What makes a good team?
 - type diversity
 - no pokemon of the same family
 - high comprehensive capacity



What makes it special?

 Analysis on pokemon synergy when making a team taking player preference into account.





Future

- A tool like this can assist beginners in playing games they don't know much about.
- Or players who like planning everything out beforehand.
- Algorithms like these can help designers determine if they need balance their game.