Pokemon ID Project

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- Data Scientist
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LinkedIn / GitHub

Slide-chu Evolution

1. Origin

2. Data

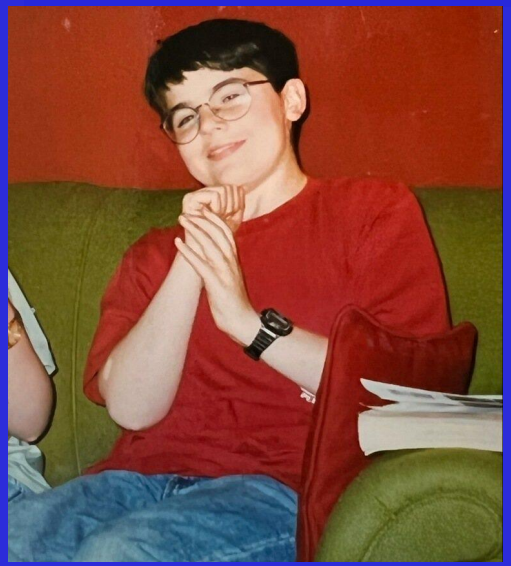
3. Methods

4. Results

5. Predictions

6. Recs & Future Steps

Origin Story



(Heatran?)

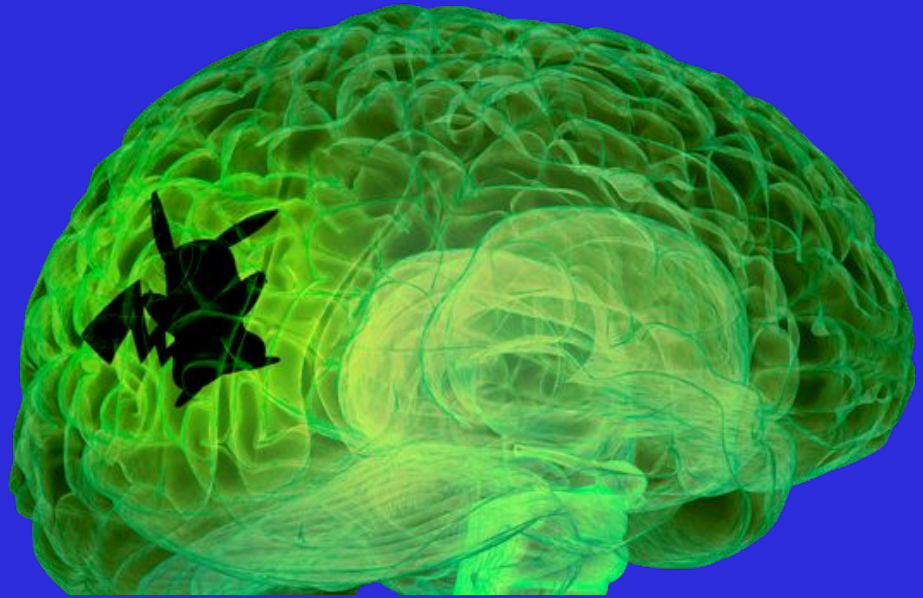
1996: 151

2022: 913+

Gotta Scrape Em All

- Kaggle = 1500
- Pokemondb = 30,000+

Neural Networks



- Tensor Flow
- Step by step
- Black box

Sent to Prof. Oak

- No Flying
- 17 Types
- 806 Pokemon

There's an App for That

Original

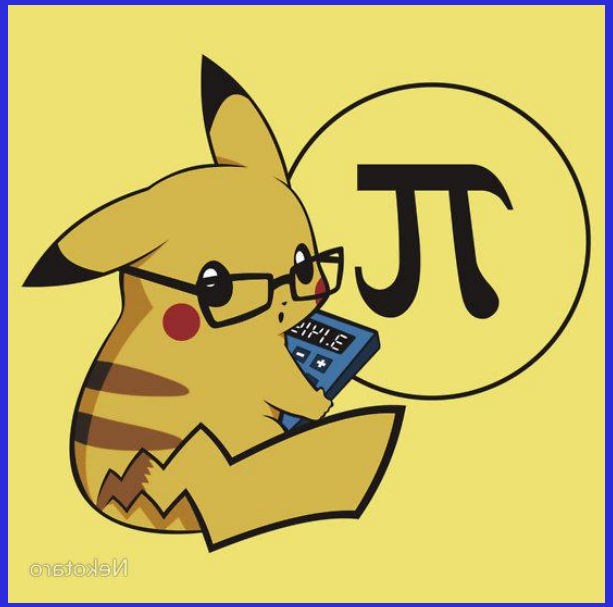
Prediction

Your Pokemon's type is Steel!

Your Pokemon is number 436, Bronzor!

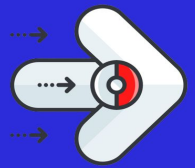
https://share.streamlit.io/noptov/pokemon-app/main/pokeid-app.py

Max Those Stats



- 95% for Type
- 18 Total Models
- 88-92% Ind Models

Best Pokemon Ever



Your Pokemon's type is Normal!

Your Pokemon is number 143, Snorlax!

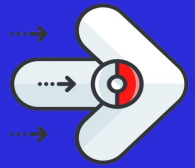
Disney Princess

- Predict Anything
- Results *will* Vary

Disney Princess

Your Pokemon's type is Psychic!

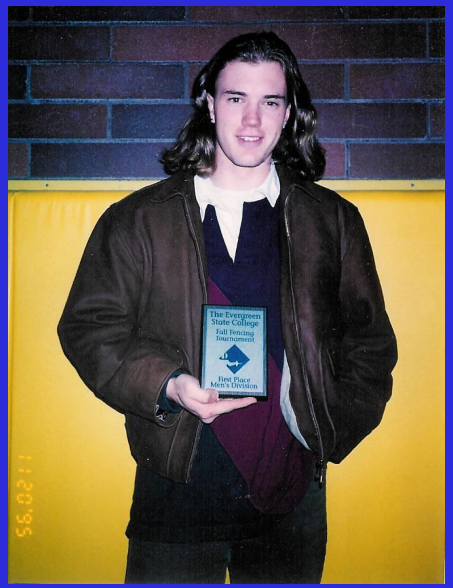
Your Pokemon is number 202, Wobbuffet!

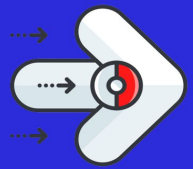


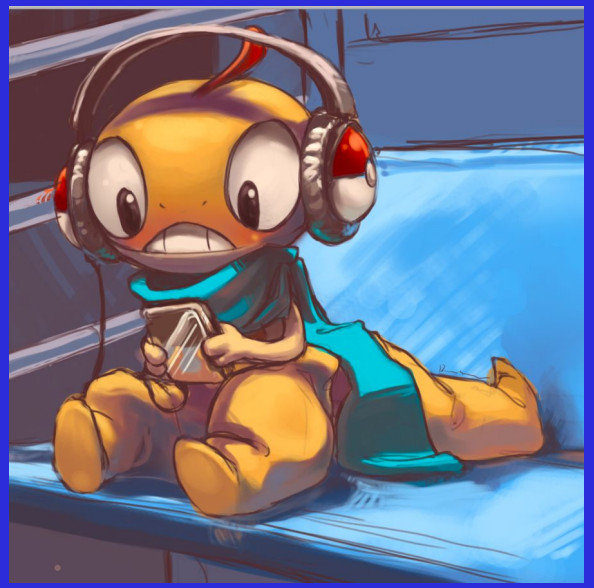
Prediction?

Wobbuffet!

AI About that Flow



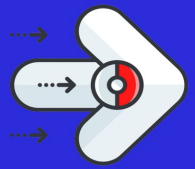




Prediction?

Scraggy!

Probably Team Rocket



Prediction?

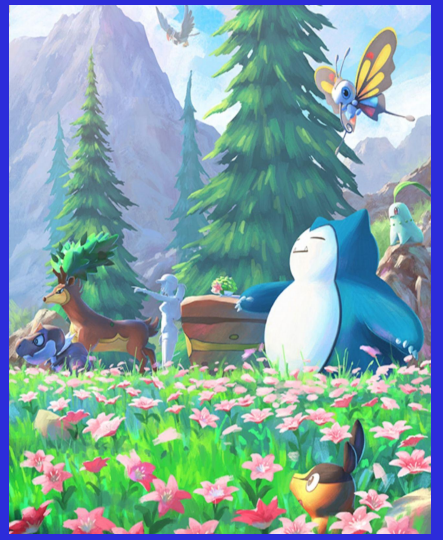
Aerodactyl!

For Best Results

This

Not

That

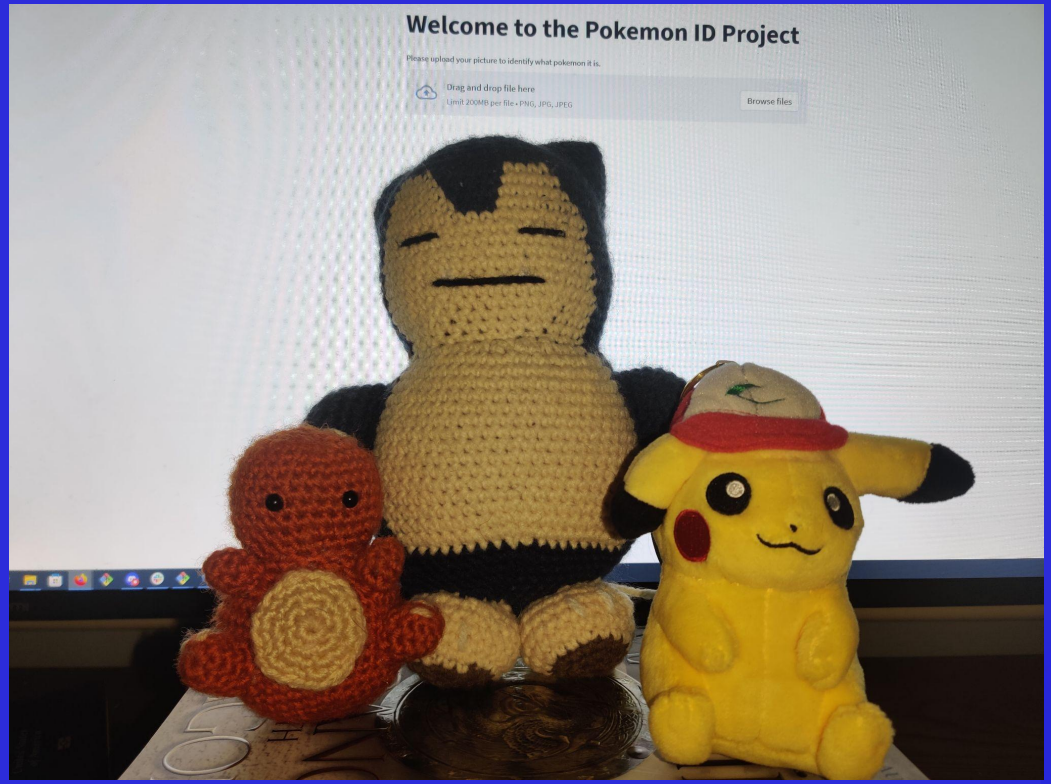


Snorlax

Meganium

Mega Evolution

- Gen 8... 9
- Backgrounds
- Transfer Learning



Thank You!

Play Again?