

# PokemonGuesserBot

The Chatbot that will help find you the perfect companion for your journey in the world of Pokemon



# The Concept

- The idea for this Chatbot was obtained from the popular video game franchise from Nintendo named Pokémon
- Specifically the Mystery Dungeon series
- The pregame sequence that involved being given a Pokémon



# Questions To Be Asked



- Python library Random
- Type Question
  - Weather, Activity, Personal
- Question Asked





# User Response

- VADER Sentiment Analysis
- Limitations
  - Frequency based (often, sometimes)
  - Double Negatives
  - User Error

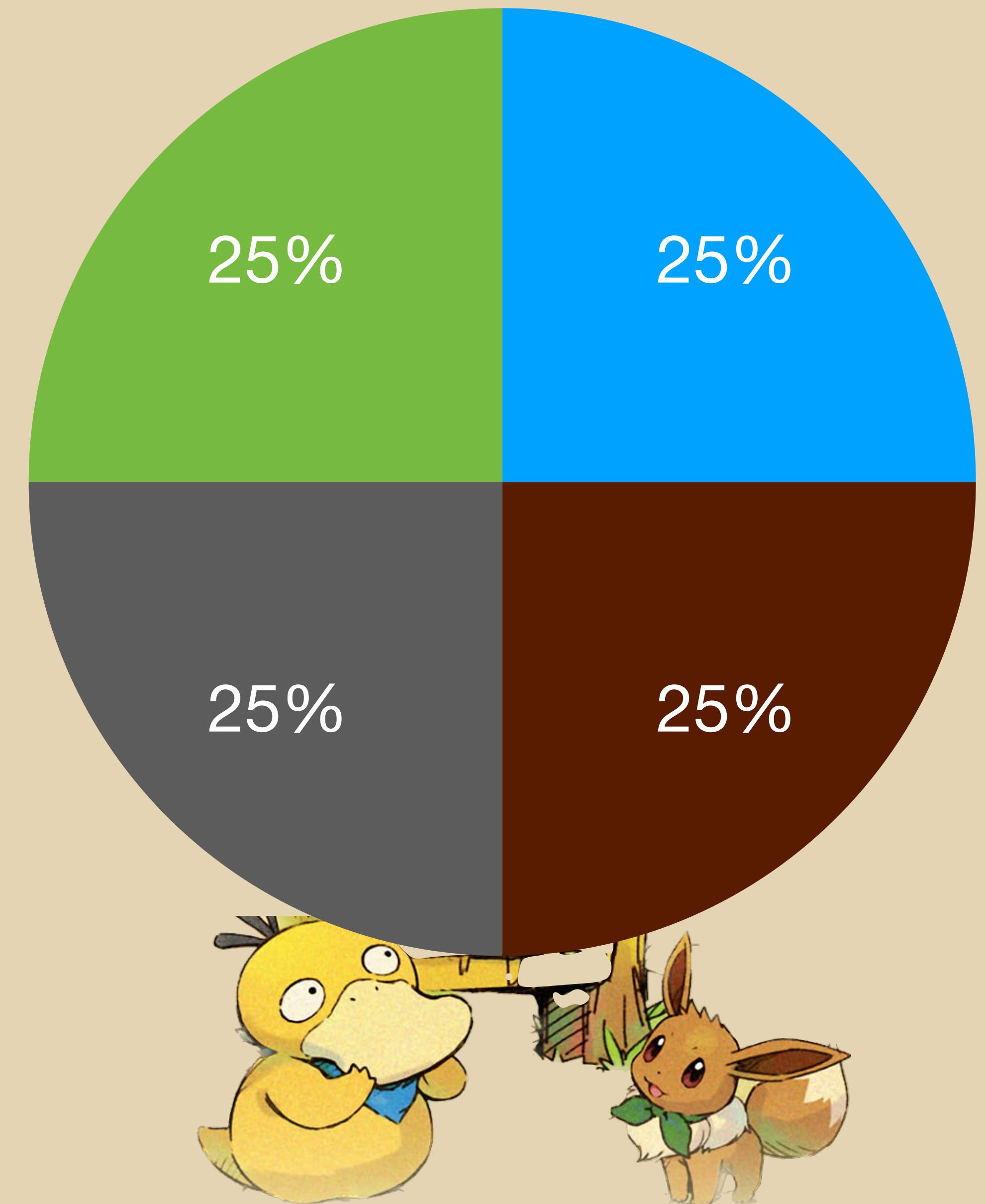


# User Scoring

- Aquability
- Indifferentiability

- Physicality
- Otherness

- We can see the four categories that make up a user
- We begin by finding the max category and the distances from the others
- We then chose a Pokémon from the results of the two above cases



# Other Scoring Factors



- Aquability



- Physicality

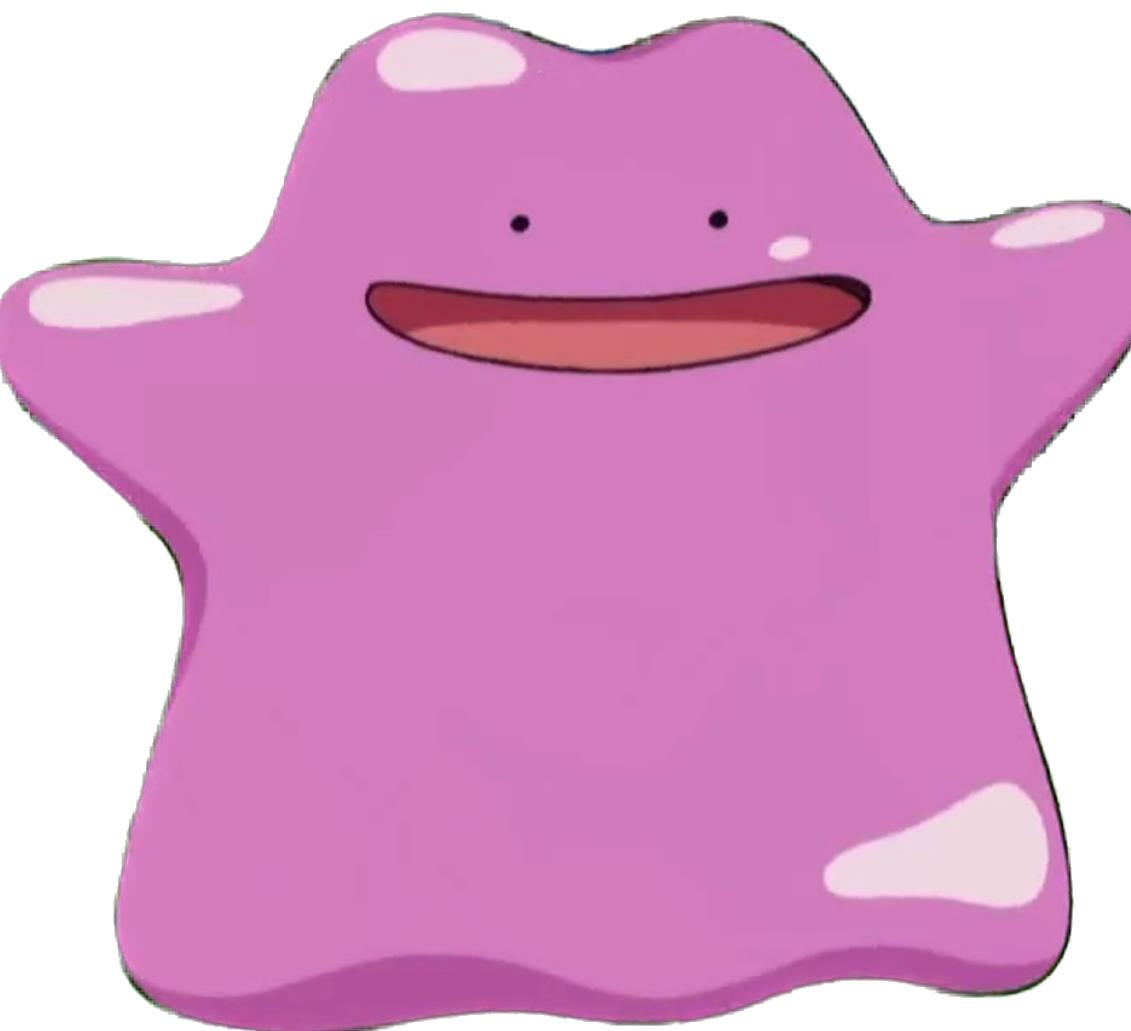


- Otherness





- A complete open source database containing everything ever needed about the mainstream Pokémon games
- Pokémon species != Pokemon
- type in Python is used (type\_)



Resource for ditto

```
▶ version_details: [] 17 items
id: 132
is_default: true
location_area_encounters: "https://pokeapi.co/api/v2/po
▼ moves: [] 1 item
  ▶ 0: {} 2 keys
    ▶ move: {} 2 keys
      name: "transform"
      url: "https://pokeapi.co/api/v2/move/144/"
    ▶ version_group_details: [] 21 items
      name: "ditto"
      order: 214
      past_types: [] 0 items
    ▶ species: {} 2 keys
      name: "ditto"
      url: "https://pokeapi.co/api/v2/pokemon-species/132/"
    ▶ sprites: {} 10 keys
    ▶ stats: [] 6 items
    ▶ types: [] 1 item
      ▶ 0: {} 2 keys
        slot: 1
        ▶ type: {} 2 keys
          name: "normal"
          url: "https://pokeapi.co/api/v2/type/1/"
      weight: 40
```



# Telegram

- BotFather
- Token
- Infinity Polling
- Start Commands
- Start Sequence
- Question Manager Message delivering



# Python

- Limitations
- Powers
- Libraries
  - Random
  - VADERsentiment
  - Pokebase
  - Data classes

