

Assignment 4: Pokemon Card Search

Samantha Deshazer

March 24, 2022

This assignment demonstrates AND and OR search on the Pokemon card database originally scraped from assignment one. In this assignment we are using Whoosh!.

1 Schema

1. Set
2. Name
3. Rarity

In terms of rarity; a card cannot be a Promo AND a Rare but a card can be a Secret Rare, there are no Secret Promos.

2 Input and Queries

The user can use main.py to look at the top 10 returned search results. alternatively the user can also use the whoosh server but must input both search bars (results are more ideal in main.py console currently) The following sets are used to make 1086 tuples:

1. fusion strike
2. celebrations
3. celebrations classic
4. evolving skies
5. chilling reign
6. battle styles

Using double quotations (") to explicitly select OR search in Whoosh:

AND SEARCH:		
SET	NAME	RARITY
shinning fates	Pikachu	Promo
OR SEARCH:		
SET	NAME	RARITY
shinning fates	Pikachu	Promo
Fusion strike	Pikachu V	Ultra Rare
celebrations	Pikachu	Holo Rare
evolving skies	Pikachu	Common
celebrations	Surfing Pikachu V	Ultra Rare
celebrations	Flying Pikachu V	Ultra Rare
celebrations classic	-----'s Pikachu	Classic Collection
shinning fates	Bulbasaur	Promo
shinning fates	Chespin	Promo
shinning fates	Chinchou	Promo

Figure 1: Query: 'Pikachu Promo'