

## **POKEMON DATASET DOWNLOAD**

<http://codewithz.in/training/hadoop/datasets/pokemon.csv>

## **POKEMON DATASET DESCRIPTION**

1. Pokémon ID number.
2. Name of the Pokémon.
3. (Type 1)Type of Pokémon. For example, Charmander is of the fire type. Pokémon don't necessarily have to be of one type only. Which means, Bulbasaur could be a grass type, as well as, a poison type Pokémon. There are 18 types in all, 324 ways of assigning these types
4. Same as 3(Type 2)
5. Character points, which is the sum of all capabilities in attack and defense.
6. Hit points (HP), which determines how much damage can a Pokémon take. It is the stat that changes most often. When a Pokémon's HP is down to zero, it will faint and lose the battle.e01
7. Attack stat.
8. Defense stat.
9. Special attack stat.
10. Special defense stat.
11. Speed.

Type 1: This column represents the property of a Pokémon.

Type 2: This column represents the extended property of the same Pokémon.

With the current 18-type system, there

are 324 possible ways to assign these types to Pokémon, along with 171 unique combinations.

As of Generation VI, 133 different type combinations have been used.



### **POKEMON DATASET PROBLEM STATEMENT**

1. Find out the average HP (Hit points) of all the Pokémon
2. Find the count of 'powerful' and 'moderate' Pokemon
3. Find out the top 10 Pokémons according to their Hit points
4. Find out the top 10 Pokémons based on their Attack stat
5. Find out the top 10 Pokémons based on their Defense stat
6. Find out the top 10 Pokémons based on their total power.
7. Find out the top 10 Pokémons having a drastic change in their attack and sp.attack
8. Find out the top 10 Pokémons having a drastic change in their defense and sp.defense
9. Find out the top 10 fastest Pokémons