

POKEMON DATASET

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Introduction about Database:

THIS DATABASE IS ABOUT “POKEMON”. This dataset contains information about Pokémon from all Seven Generations of Pokémon. The information contained in this dataset include Base Stats, Performance against Other Types, Height, Weight, Classification, Egg Steps, Experience Points, Abilities, etc.

Content

- name: The English name of the Pokemon
- japanese_name: The Original Japanese name of the Pokemon
- pokedex_number: The entry number of the Pokemon in the National Pokedex
- percentage_male: The percentage of the species that are male. Blank if the Pokemon is genderless.
- type1: The Primary Type of the Pokemon
- type2: The Secondary Type of the Pokemon
- classification: The Classification of the Pokemon as described by the Sun and Moon Pokedex
- height_m: Height of the Pokemon in metres
- weight_kg: The Weight of the Pokemon in kilograms
- capture_rate: Capture Rate of the Pokemon
- baseeggsteps: The number of steps required to hatch an egg of the Pokemon
- abilities: A stringified list of abilities that the Pokemon is capable of having
- experience_growth: The Experience Growth of the Pokemon

- base_happiness: Base Happiness of the Pokemon
- against_?: Eighteen features that denote the amount of damage taken against an attack of a particular type
- hp: The Base HP of the Pokemon
- attack: The Base Attack of the Pokemon
- defense: The Base Defense of the Pokemon
- sp_attack: The Base Special Attack of the Pokemon
- sp_defense: The Base Special Defense of the Pokemon
- speed: The Base Speed of the Pokemon
- generation: The numbered generation which the Pokemon was first introduced
- is_legendary: Denotes if the Pokemon is legendary.

VIEW OF DATABASE IS:

View(pokemon)

	abilities	against_bug	against_dark	against_dragon	again
1	['Overgrow', 'Chlorophyll']	1.00	1.0	1.0	
2	['Blaze', 'Solar Power']	0.50	1.0	1.0	
3	['Blaze', 'Solar Power']	0.25	1.0	1.0	
4	['Torrent', 'Rain Dish']	1.00	1.0	1.0	
5	['Shield Dust', 'Run Away']	1.00	1.0	1.0	
6	['Compoundeyes', 'Tinted Lens']	0.50	1.0	1.0	
7	['Shield Dust', 'Run Away']	0.50	1.0	1.0	
8	['Keen Eye', 'Tangled Feet', 'Big Pecks']	0.50	1.0	1.0	
9	['Run Away', 'Guts', 'Hustle', 'Gluttony', 'Hustle', 'Thick Fat']	1.00	1.0	1.0	
10	['Intimidate', 'Shed Skin', 'Unnerve']	0.50	1.0	1.0	
11	['Static', 'Lightningrod']	1.00	1.0	1.0	
12	['Sand Veil', 'Sand Rush', 'Snow Cloak', 'Slush Rush']	1.00	1.0	1.0	

STRUCTURE OF DATABASE IS:

Str(pokemon)


```

$ is_legendary      . int 0 0 0 0 0 0 0 0 0 ...
> summary(pokemon)
abilities          against_bug      against_dark      against_dragon
Length:78          Min.      :0.2500    Min.      :0.500    Min.      :0.000
Class :character   1st Qu.:0.5000    1st Qu.:1.000    1st Qu.:1.000
Mode  :character   Median :0.7500    Median :1.000    Median :1.000
                  Mean  :0.9391    Mean  :1.109    Mean  :1.013
                  3rd Qu.:1.0000    3rd Qu.:1.000    3rd Qu.:1.000
                  Max.  :4.0000    Max.  :2.000    Max.  :2.000

against_electric  against_fairy      against_fight      against_fire      against_flying
Min.      :0.0000    Min.      :0.2500    Min.      :0.000    Min.      :0.250    Min.      :0.250
1st Qu.:0.5000    1st Qu.:0.5000    1st Qu.:0.500    1st Qu.:0.500    1st Qu.:0.500
Median :1.0000    Median :1.0000    Median :1.000    Median :1.000    Median :1.000
Mean  :0.9808    Mean  :0.9872    Mean  :1.083    Mean  :1.224    Mean  :1.154
3rd Qu.:1.0000    3rd Qu.:1.0000    3rd Qu.:1.000    3rd Qu.:2.000    3rd Qu.:1.000
Max.  :4.0000    Max.  :2.0000    Max.  :4.000    Max.  :4.000    Max.  :4.000

against_ghost     against_grass      against_ground      against_ice      against_normal
Min.      :0.000    Min.      :0.25    Min.      :0.000    Min.      :0.250    Min.      :0.0000
1st Qu.:1.000    1st Qu.:0.50    1st Qu.:0.500    1st Qu.:0.500    1st Qu.:0.5000
Median :1.000    Median :1.00    Median :1.000    Median :1.000    Median :1.0000
Mean  :1.135    Mean  :1.00    Mean  :1.304    Mean  :1.288    Mean  :0.8045
3rd Qu.:1.000    3rd Qu.:1.00    3rd Qu.:2.000    3rd Qu.:2.000    3rd Qu.:1.0000
Max.  :2.000    Max.  :4.00    Max.  :4.000    Max.  :4.000    Max.  :1.0000

against_poison    against_psychic    against_rock      against_steel      against_water
Max.      :2.000    Max.      :4.00    Max.      :4.000    Max.      :4.000    Max.      :1.0000

against_poison    against_psychic    against_rock      against_steel      against_water
Min.      :0.0000    Min.      :0.000    Min.      :0.250    Min.      :0.250    Min.      :0.250
1st Qu.:0.5000    1st Qu.:0.625    1st Qu.:1.000    1st Qu.:0.500    1st Qu.:0.500
Median :1.0000    Median :1.000    Median :1.000    Median :1.000    Median :1.000
Mean  :0.7724    Mean  :1.022    Mean  :1.311    Mean  :1.022    Mean  :1.218
3rd Qu.:1.0000    3rd Qu.:1.000    3rd Qu.:2.000    3rd Qu.:1.000    3rd Qu.:2.000
Max.  :2.0000    Max.  :2.000    Max.  :4.000    Max.  :4.000    Max.  :4.000

      attack      base_egg_steps      base_happiness      base_total
Min.      : 20.00    Min.      : 1280    Min.      :  0.00    Min.      :195.0
1st Qu.: 49.25    1st Qu.: 5120    1st Qu.: 70.00    1st Qu.:303.5
Median : 65.50    Median : 5120    Median : 70.00    Median :357.5
Mean  : 72.59    Mean  : 7450    Mean  : 66.09    Mean  :406.7
3rd Qu.: 90.00    3rd Qu.: 6400    3rd Qu.: 70.00    3rd Qu.:502.2
Max.  :185.00    Max.  :30720    Max.  :140.00    Max.  :700.0

capture_rate      classfication      defense      experience_growth
Length:78          Length:78          Min.      : 15.0    Min.      : 800000
Class :character   Class :character   1st Qu.: 45.0    1st Qu.:1000000
Mode  :character   Mode  :character   Median : 73.5    Median :1059860
                  Mean  : 75.5    Mean  :1086636
                  3rd Qu.:100.0    3rd Qu.:1250000
                  Max.  :230.0    Max.  :1640000

```

```

percentage_male  pokedex_number    sp_attack    sp_defense
Min.   : 0.00    Min.   : 1.0    Min.   : 10.00   Min.   : 20.00
1st Qu.:50.00    1st Qu.: 79.5    1st Qu.: 40.00   1st Qu.: 50.00
Median :50.00    Median :207.5    Median : 60.00   Median : 60.00
Mean   :53.78    Mean   :266.1    Mean   : 66.37   Mean   : 70.21
3rd Qu.:50.00    3rd Qu.:379.8    3rd Qu.: 90.00   3rd Qu.: 95.00
Max.   :88.10    Max.   :793.0    Max.   :159.00   Max.   :150.00
NA's    :10

    speed    Primary_Type    Secondary_Type    weight_kg
Min.   : 10.00    Length:78    Length:78    Min.   : 0.10
1st Qu.: 40.75    Class :character    Class :character    1st Qu.: 7.20
Median : 55.50    Mode  :character    Mode  :character    Median : 26.60
Mean   : 59.55                                     Mean   : 71.74
3rd Qu.: 75.75                                     3rd Qu.: 62.40
Max.   :150.00                                     Max.   :750.00
NA's    :3

generation  is_legendary
1:32      Min.   :0.0000
2:14      1st Qu.:0.0000
3:13      Median :0.0000
4: 6      Mean   :0.1026
5: 5      3rd Qu.:0.0000
6: 5      Max.   :1.0000
7: 3

```

- NUMBER OF ROW AND COLUMN IN POKEMON
- `nrow(pokemon)`
- `ncol(pokemon)`

```

> nrow(pokemon)
[1] 801
> ncol(pokemon)
[1] 41
>

```

DATA CLEANING:

```
pokemon$generation<- as.factor(pokemon$generation)
```

#printing missing values by creating a new data frame.

```

a<-data.frame("Variable"=c(colnames(pokemon)), "Missing
Values"=sapply(pokemon, function(x) sum(is.na(x))), row.names = NULL)
print(a)

```

```
tion(x) sum(is.na(x))), row.names = NULL)
> print(a)
```

```

Variable Missing.Values
1      abilities          0
2    against_bug          0
3    against_dark          0
4    against_dragon        0
5  against_electric        0
6    against_fairy          0
7    against_fight          0
8    against_fire          0
9    against_flying        0
10   against_ghost          0
11   against_grass          0
12   against_ground        0
13   against_ice            0
14   against_normal        0
15   against_poison         0
16  against_psychic         0
17   against_rock           0
18   against_steel          0
19   against_water          0
20      attack             0
21  base_egg_steps          0
22  base_happiness          0
23    base_total            0
30  japanese_name          0
31   Pokemon_name          0
32 percentage_male        10
33  pokedex_number          0
34      sp_attack           0
35      sp_defense          0
36      speed              0
37   Primary_Type          0
38  Secondary_Type          0
39      weight_kg           3
40      generation          0
41    is_legendary          0
>
```

```
f1<- function(a){
  uni<- unique(a)
  uni[which.max(tabulate(match(a,uni)))]
}
pokemon$generation[is.na(pokemon$generation)] = f1(pokemon$generation)
b<-data.frame("Variable"=c(colnames(pokemon)), "Missing
Values"=apply(pokemon, function(x) sum(is.na(x))), row.names = NULL)
print(b)
```

```

    tion(x) sum(is.na(x))), row.names = NULL)
> print(b)
      Variable Missing.Values
1      abilities           0
2    against_bug           0
3    against_dark           0
4    against_dragon         0
5  against_electric         0
6    against_fairy           0
7    against_fight           0
8    against_fire            0
9    against_flying          0
10   against_ghost           0
11   against_grass           0
12   against_ground          0
13   against_ice             0
14   against_normal          0
15   against_poison          0
16  against_psychic          0
17   against_rock            0
18   against_steel           0
19   against_water           0
20    attack                 0

```

```

library("dplyr")
pokemon= distinct(pokemon, against_fire, against_ground, against_ice,
against_bug, .keep_all = TRUE)
print(pokemon)

```

```

> print(pokemon)
      abilities
1    ['Overgrow', 'Chlorophyll']
2    ['Blaze', 'Solar Power']
3    ['Blaze', 'Solar Power']
4    ['Torrent', 'Rain Dish']
5    ['Shield Dust', 'Run Away']
6    ['Compoundeyes', 'Tinted Lens']
7    ['Shield Dust', 'Run Away']
8    ['Keen Eye', 'Tangled Feet', 'Big Pecks']
9    ['Run Away', 'Guts', 'Hustle', 'Gluttony', 'Hustle', 'Thick Fat']
10   ['Intimidate', 'Shed Skin', 'Unnerve']
11   ['Static', 'Lightningrod']
12   ['Sand Veil', 'Sand Rush', 'Snow Cloak', 'Slush Rush']
13   ['Poison Point', 'Rivalry', 'Sheer Force']
14   ['Cute Charm', 'Magic Guard', 'Friend Guard']
15   ['Inner Focus', 'Infiltrator']
16   ['Effect Spore', 'Dry Skin', 'Damp']
17   ['Water Absorb', 'Damp', 'Swift Swim']
18   ['Synchronize', 'Inner Focus', 'Magic Guard']
19 ['Rock Head', 'Sturdy', 'Sand Veil', 'Magnet Pull', 'Sturdy', 'Galvanize']
20 ['Flame Body', 'Flash Fire', 'Solar Power', 'Flame Body']

```

```

24                                     ['Chlorophyll', 'Harvest']
  against_bug against_dark against_dragon against_electric against_fairy
1          1.00          1.0          1.0          0.5          0.5
2          0.50          1.0          1.0          1.0          0.5
3          0.25          1.0          1.0          2.0          0.5
4          1.00          1.0          1.0          2.0          1.0
5          1.00          1.0          1.0          1.0          1.0
6          0.50          1.0          1.0          2.0          1.0
7          0.50          1.0          1.0          1.0          0.5
8          0.50          1.0          1.0          2.0          1.0
9          1.00          1.0          1.0          1.0          1.0
10         0.50          1.0          1.0          1.0          0.5
11         1.00          1.0          1.0          0.5          1.0
12         1.00          1.0          1.0          0.0          1.0
13         0.50          1.0          1.0          0.0          0.5
14         0.50          0.5          0.0          1.0          1.0
15         0.25          1.0          1.0          2.0          0.5
16         2.00          1.0          1.0          0.5          1.0
17         0.50          0.5          1.0          2.0          2.0
18         2.00          2.0          1.0          1.0          1.0
19         1.00          1.0          1.0          0.0          1.0
20         2.00          2.0          1.0          2.0          1.0
21         0.50          1.0          0.5          0.5          0.5
22         1.00          1.0          1.0          2.0          1.0
23         0.25          2.0          1.0          1.0          0.5
24         4.00          2.0          1.0          0.5          1.0

```

```

  against_fight against_fire against_flying against_ghost against_grass
1          0.50          2.0          2.00          1          0.25
2          1.00          0.5          1.00          1          0.50
3          0.50          0.5          1.00          1          0.25
4          1.00          0.5          1.00          1          2.00
5          0.50          2.0          2.00          1          0.50
6          0.25          2.0          2.00          1          0.25
7          0.25          2.0          2.00          1          0.25
8          1.00          1.0          1.00          0          0.50
9          2.00          1.0          1.00          0          1.00
10         0.50          1.0          1.00          1          0.50
11         1.00          1.0          0.50          1          1.00
12         1.00          1.0          1.00          1          2.00
13         0.50          1.0          1.00          1          1.00
14         0.50          1.0          1.00          1          1.00
15         0.25          1.0          1.00          1          0.25
16         0.50          4.0          4.00          1          0.25
17         1.00          0.5          2.00          1          2.00
18         0.50          1.0          1.00          2          1.00
19         2.00          0.5          0.50          1          4.00
20         0.50          0.5          1.00          2          2.00
21         2.00          2.0          0.25          1          0.50
22         2.00          1.0          1.00          1          2.00
23         0.00          1.0          1.00          2          0.50
24         0.50          2.0          2.00          2          0.50
  against_ground against_ice against_normal against_poison against_psychic

```


	against_ground	against_ice	against_normal	against_poison	against_psychic		
1	1.00	2.00	1.0	1.00	2.0		
2	2.00	0.50	1.0	1.00	1.0		
3	0.00	1.00	1.0	1.00	1.0		
4	1.00	0.50	1.0	1.00	1.0		
5	0.50	1.00	1.0	1.00	1.0		
6	0.00	2.00	1.0	1.00	1.0		
7	1.00	1.00	1.0	0.50	2.0		
8	0.00	2.00	1.0	1.00	1.0		
9	1.00	1.00	1.0	1.00	1.0		
10	2.00	1.00	1.0	0.50	2.0		
11	2.00	1.00	1.0	1.00	1.0		
12	1.00	2.00	1.0	0.50	1.0		
13	2.00	2.00	1.0	0.25	2.0		
14	1.00	1.00	1.0	2.00	1.0		
15	0.00	2.00	1.0	0.50	2.0		
16	0.25	2.00	1.0	2.00	1.0		
17	1.00	0.50	1.0	1.00	2.0		
18	1.00	1.00	1.0	1.00	0.5		
19	2.00	2.00	0.5	0.25	1.0		
20	1.00	0.50	1.0	1.00	0.5		
21	4.00	0.50	0.5	0.00	0.5		
22	1.00	0.25	1.0	1.00	1.0		
23	1.00	1.00	0.5	40	5120	70	
	base_total	capture_rate	classification	defense	experience	growth	height_m
1	318	45	Seed PokÃ©mon	49	1059860	0.7	
2	309	45	Lizard PokÃ©mon	43	1059860	0.6	
3	634	45	Flame PokÃ©mon	78	1059860	1.7	
4	314	45	Tiny Turtle PokÃ©mon	65	1059860	0.5	
5	195	255	Worm PokÃ©mon	35	1000000	0.3	
6	395	45	Butterfly PokÃ©mon	50	1000000	1.1	
7	195	255	Hairy PokÃ©mon	30	1000000	0.3	
8	251	255	Tiny Bird PokÃ©mon	40	1059860	0.3	
9	253	255	Mouse PokÃ©mon	35	1000000	NA	
10	288	255	Snake PokÃ©mon	44	1000000	2.0	
11	320	190	Mouse PokÃ©mon	40	1000000	0.4	
12	300	255	Mouse PokÃ©mon	90	1000000	NA	
13	505	45	Drill PokÃ©mon	87	1059860	1.3	
14	323	150	Fairy PokÃ©mon	48	800000	0.6	
15	245	255	Bat PokÃ©mon	35	1000000	0.8	
16	285	190	Mushroom PokÃ©mon	55	1000000	0.3	
17	510	45	Tadpole PokÃ©mon	95	1059860	1.3	
18	310	200	Psi PokÃ©mon	15	1059860	0.9	
19	300	255	Rock PokÃ©mon	100	1059860	NA	
20	315	190	Dopey PokÃ©mon	65	1000000	1.2	
21	325	190	Magnet PokÃ©mon	70	1000000	0.3	
22	475	75	Sea Lion PokÃ©mon	80	1000000	1.7	
23	310	190	Gas PokÃ©mon	30	1059860	1.3	
24	325	90	Egg PokÃ©mon	80	1250000	0.4	

	hp	japanese_name	Pokemon_name	percentage_male	pokedex_number
1	45	Fushigidane	Bulbasaur	88.1	1
2	39	Hitokage	Charmander	88.1	4
3	78	Lizardon	Charizard	88.1	6
4	44	Zenigame	Squirtle	88.1	7
5	45	Caterpie	Caterpie	50.0	10
6	60	Butterfree	Butterfree	50.0	12
7	40	Beedle	Weedle	50.0	13
8	40	Poppo	Pidgey	50.0	16
9	30	Koratta	Rattata	50.0	19
10	35	Arbo	Ekans	50.0	23
11	35	Pikachu	Pikachu	50.0	25
12	50	Sand	Sandshrew	50.0	27
13	90	Nidoqueen	Nidoqueen	0.0	31
14	70	Pippi	Clefairy	24.6	35
15	40	Zubat	Zubat	50.0	41
16	35	Paras	Paras	50.0	46
17	90	Nyorobon	Poliwrath	50.0	62
18	25	Casey	Abra	75.4	63
19	40	Isitsubute	Geodude	50.0	74
20	90	Yadon	Slowpoke	50.0	79
21	25	Coil	Magnemite	NA	81
22	90	Jugon	Dewgong	50.0	87

```

      is_legendary
1          0
2          0
3          0
4          0
5          0
6          0
7          0
8          0
9          0
10         0
11         0
12         0
13         0
14         0
15         0
16         0
17         0
18         0
19         0
20         0
21         0
22         0
23         0

```

- MEAN OF GRASS TYPE POKEMON ATTACK
-

```

> mean(grass_pokemon$sp_attack)
[1] 74.32051

```

- MIN SPEED OF FIRE TYPE POKEMON

```
> min(fire_pokemon$speed)
[1] 20
```

- MAX SPEED OF WATER TYPE POKEMON

```
> max(water_pokemon$speed)
[1] 132
>
```

- TABLE FORM OF LEGENDARY POKEMON, GENERATION AND PRIMARY TYPE

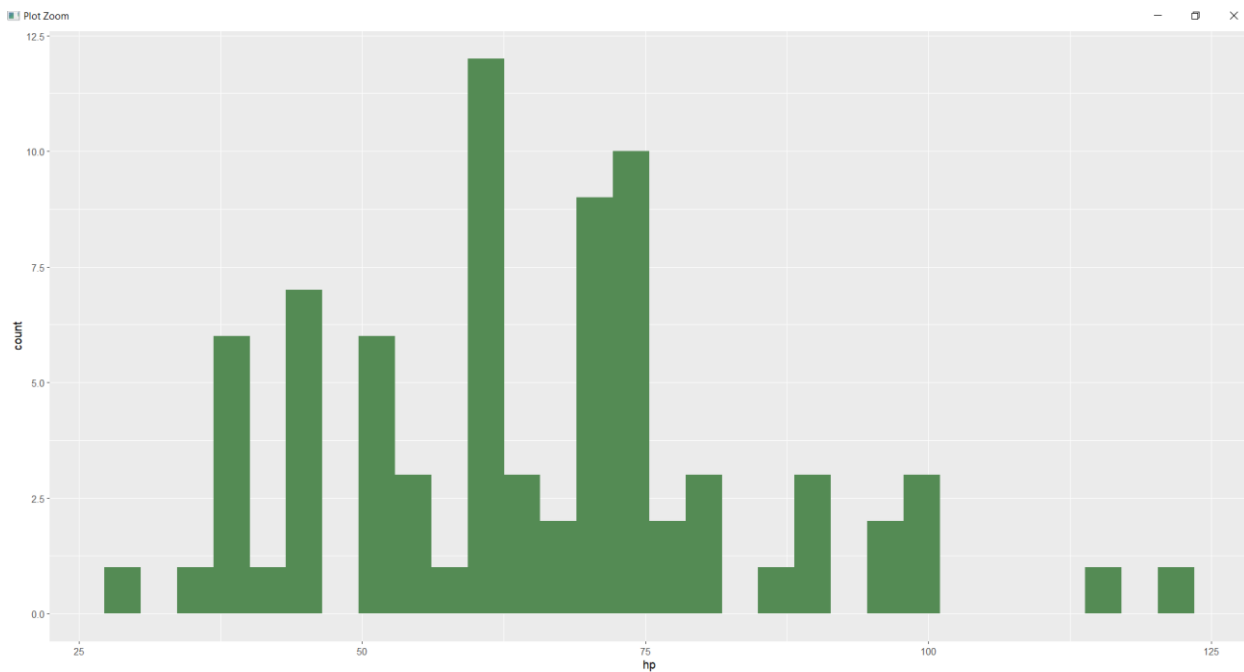
```
> table(pokemon$is_legendary)
 0    1
731  70
> table(pokemon$generation)
 1    2    3    4    5    6    7
151 100 135 107 156  72  80
> table(pokemon$Primary_Type)
      bug      dark  dragon electric   fairy fighting   fire  flying
      72      29      27      39      18      28      52      3
ghost    grass  ground      ice  normal  poison  psychic  rock
      27      78      32      23     105      32      53     45
steel    water
      24     114
>
```

- CREATING SUBSET OF GRASS, WATER, FIRE, MYSTIC TYPE

```
> #grass-pokemon
> grass_pokemon <- subset(pokemon,Primary_Type=="grass")
> #grass-pokemon
> grass_pokemon <- subset(pokemon,Primary_Type=="grass")
> #fire-Pokemon
> fire_pokemon <- subset(pokemon,Primary_Type == "fire")
> #water-Pokemon
> water_pokemon <- subset(pokemon,Primary_Type == "water")
> psychic_pokemon <- subset(pokemon,Primary_Type == "psychic")
>
```

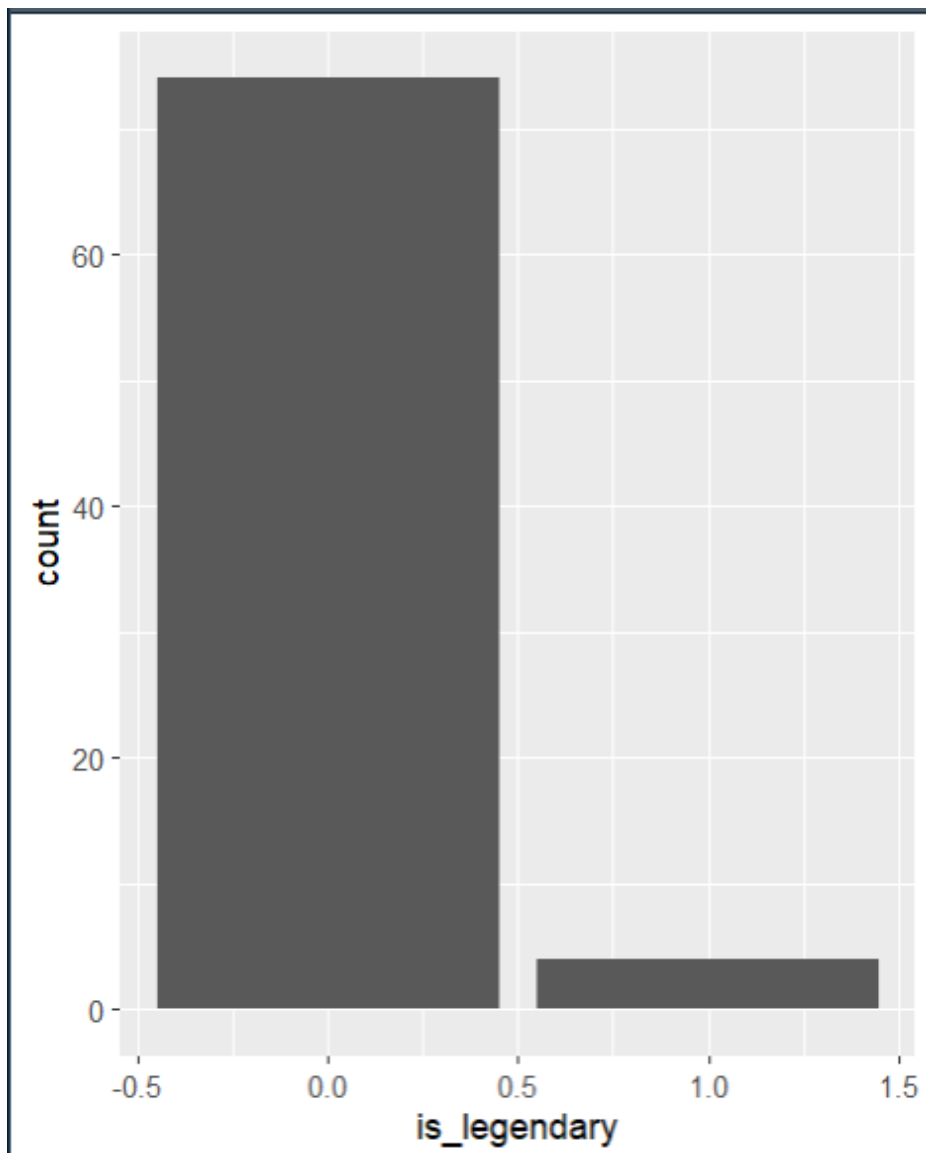
- CREATING HISTOGRAM OF HEALTH OF GRASS TYPE POKEMON
- The bars of the graph are showing the hp of grass type Pokémon.

```
> ggplot(data = grass_pokemon, aes(x=hp)) + geom_histogram(fill= 'palegreen 4')
```



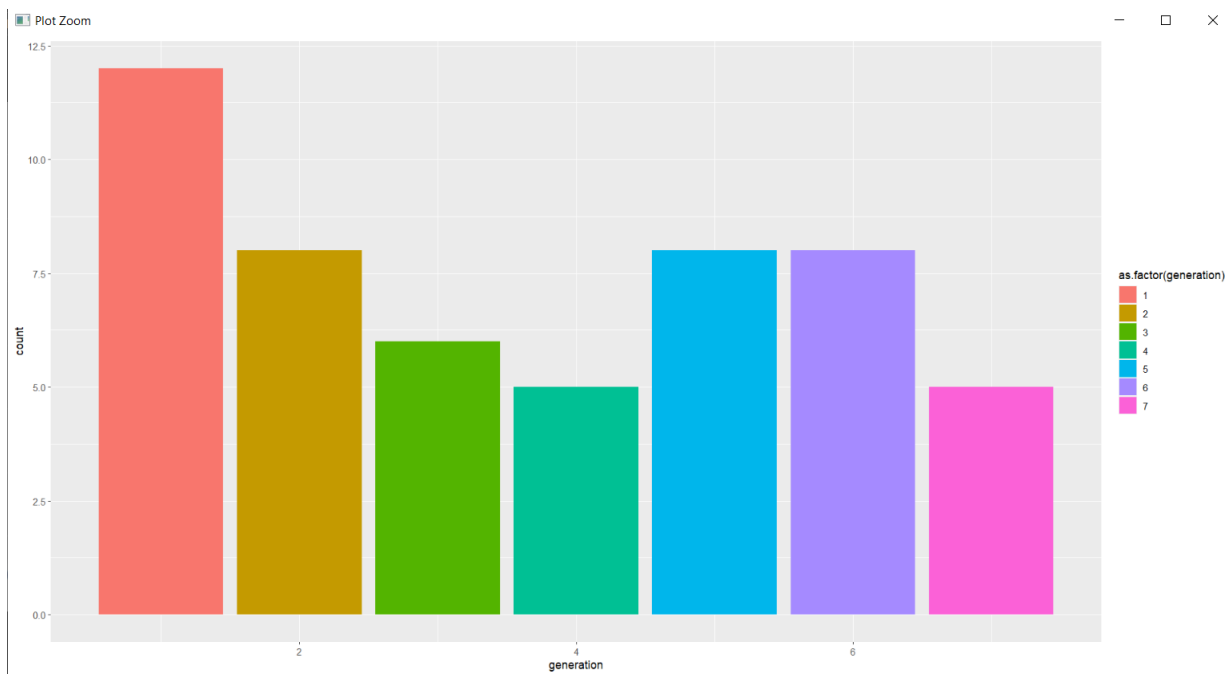
- CREATING BARGRAPH OF LEGENDARY GRASS TYPE POKEMON
- This is showing the count of legendary Pokémon in grass type Pokémon.

```
> ggplot(data = grass_pokemon, aes(x=is_legendary)) + geom_bar()
```



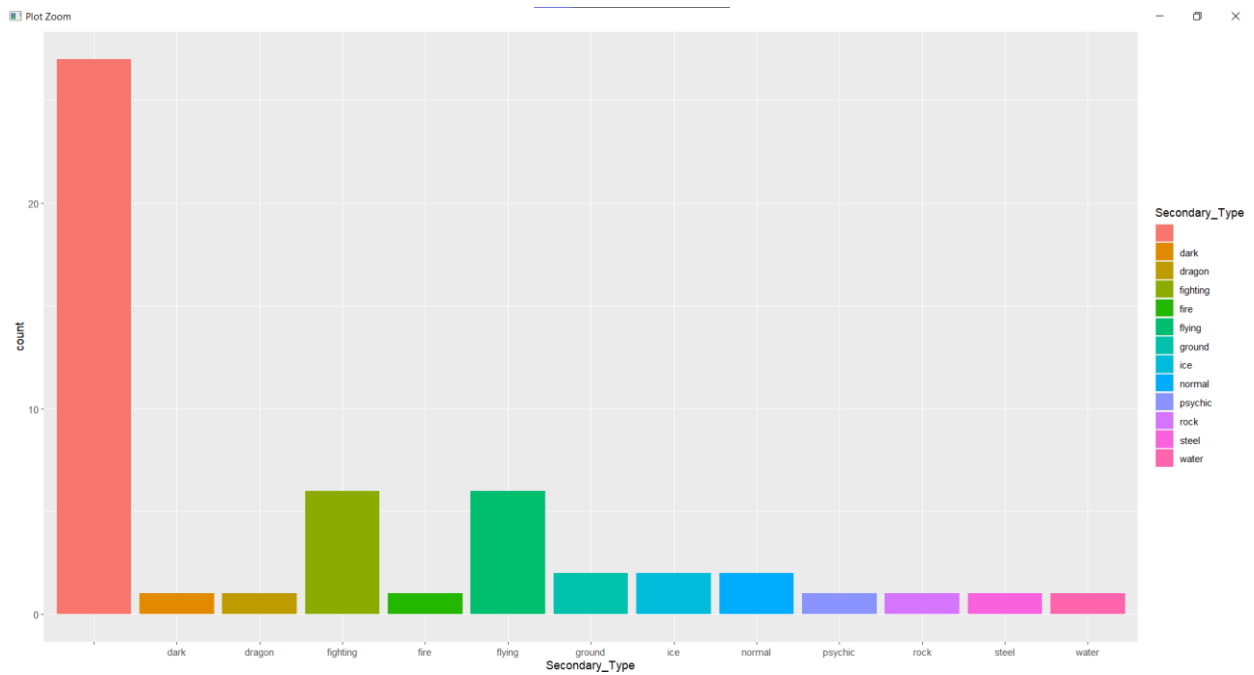
- DIFFERENT TYPE OF GENERATION IN FIRE TYPE POKEMON
- This is showing the different type of generations.

```
> ggplot(data = fire_pokemon, aes(x=generation, fill=as.factor(generation))) + geom_bar()
```



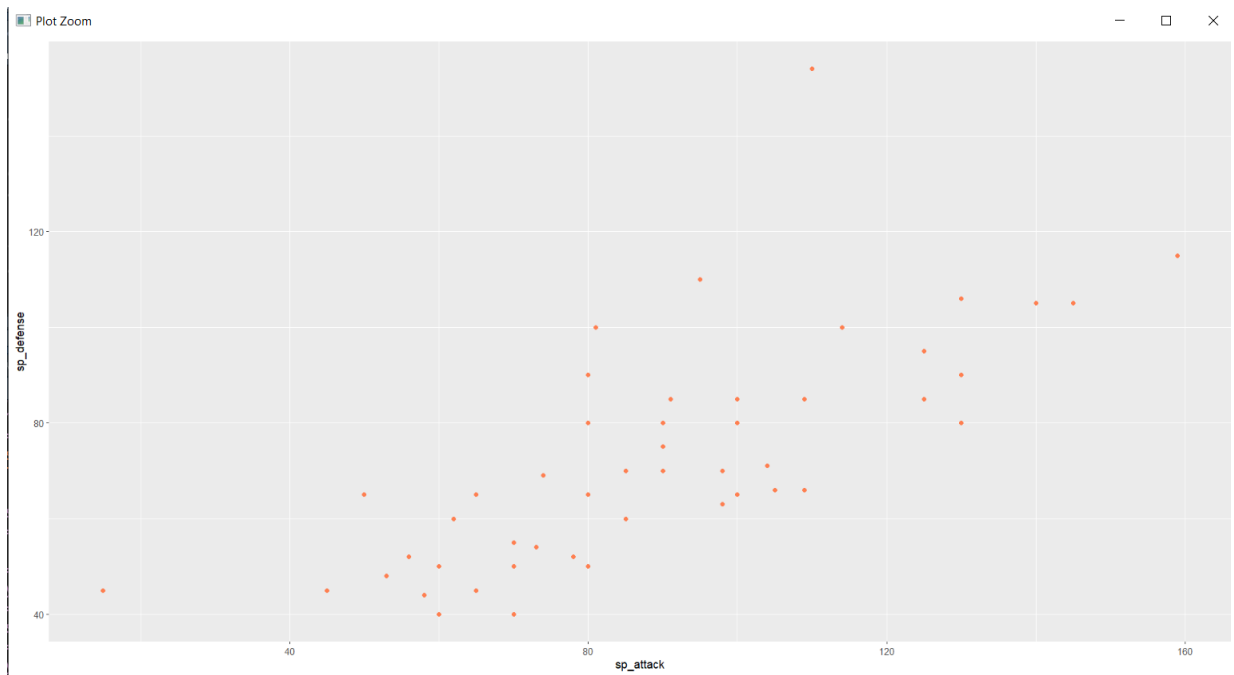
- SECONDARY TYPE OF FIRE TYPE POKEMON
- It is showing the secondary type of fire type Pokémon.

```
> ggplot(data = fire_pokemon, aes(x=Secondary_Type, fill=Secondary_Type)) + geom_bar()
```



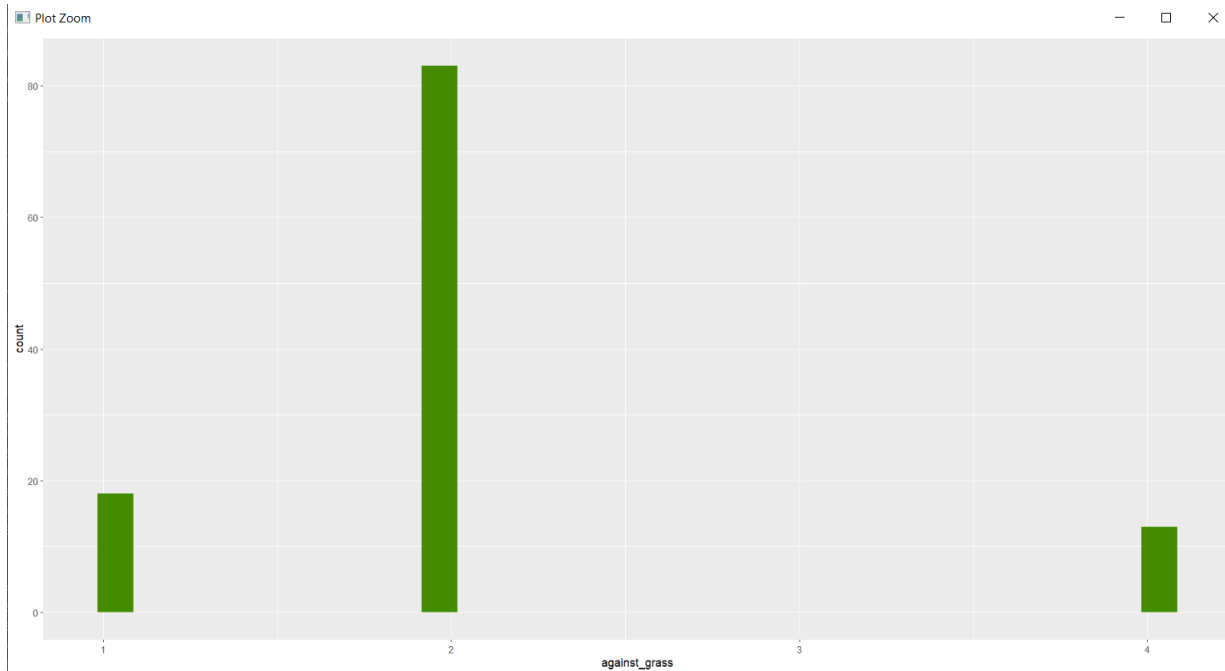
- SPECIAL ATTACK AND SPECIAL DEFENSE POINT GRAPH
- Every Pokémon has different type of attack and defense power, we have shown their sp_attack and sp_defense via points in point graph

```
> ggplot(data = fire_pokemon, aes(x=sp_attack, y=sp_defense)) + geom_point(col="coral")
```



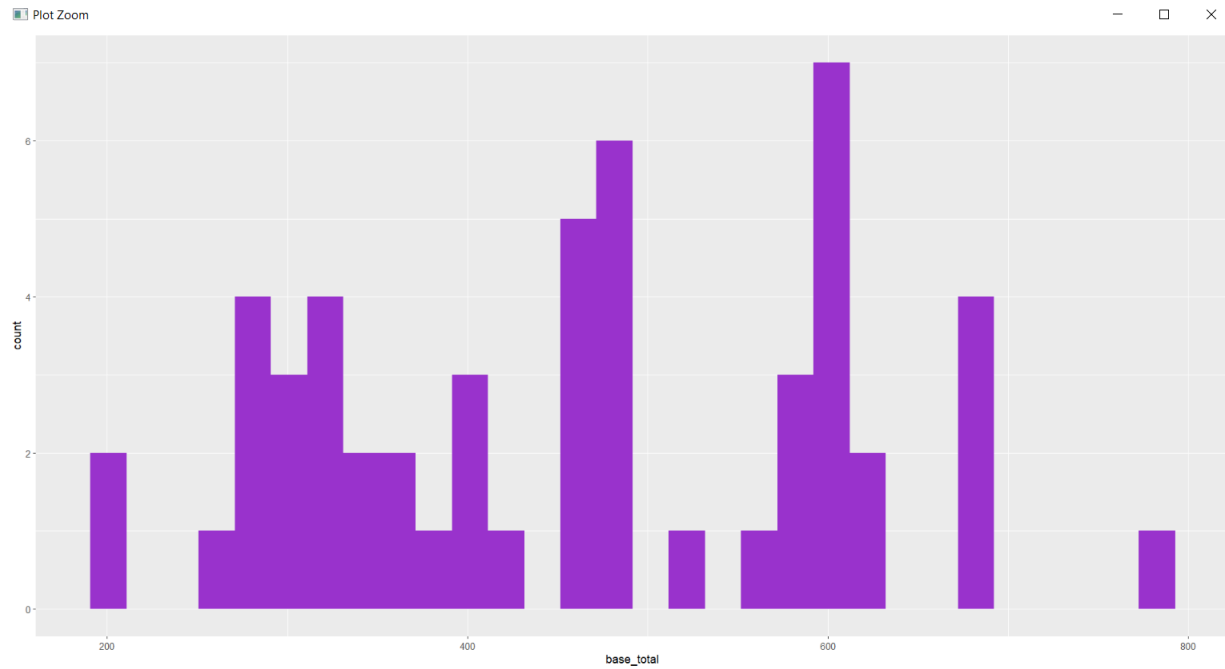
- WATER TYPE POKEMON AGAINST GRASS TYPE

```
> #Against Grass  
> ggplot(data = water_pokemon, aes(x=against_grass)) + geom_histogram(fill='chartreuse4')
```



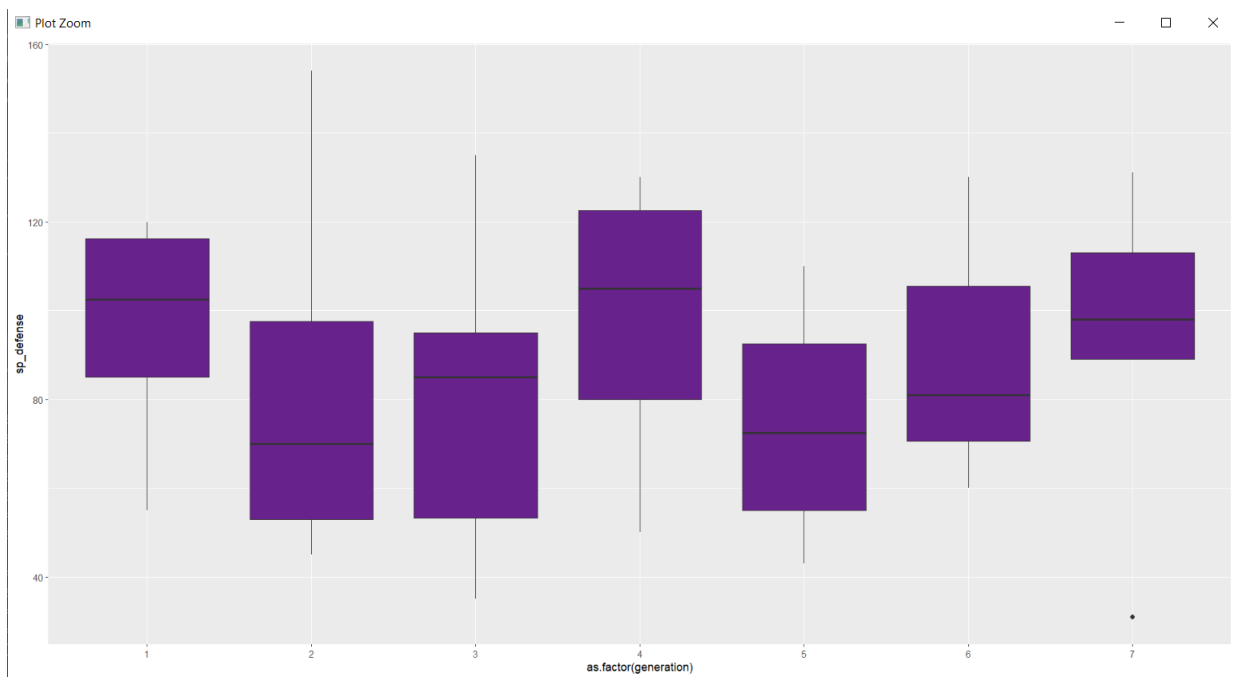
- BASE TOTAL OF MYSTIC TYPE POKEMON

```
> ggplot(data = psychic_pokemon, aes(x=base_total)) + geom_histogram(fill='darkorchid')
```



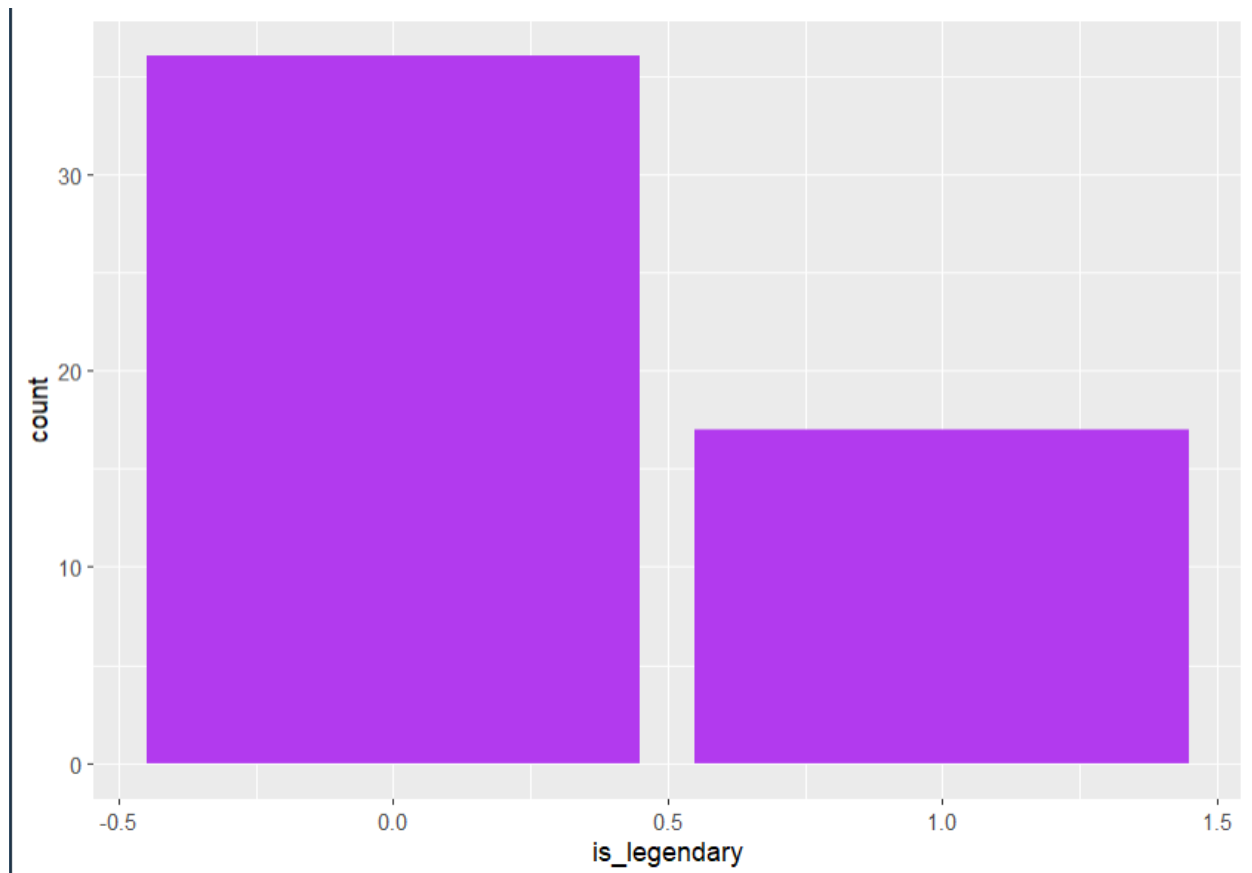
- SPECIAL DEFENSE AND GENERATION BOXPLOT OF MYSTIC TYPE

```
> ggplot(data = psychic_pokemon, aes(x=as.factor(generation), y=sp_defense)) + geom_boxplot(fill='darkorchid4')
```



- LEGENDARY TYPE POKEMON IN MYSTIC TYPE

```
> ggplot(data = psychic_pokemon,aes(x=is_legendary)) + geom_bar(fill='darkorchid2')
```



SOURCE CODE:

```
abilities,against_bug,against_dark,against_dragon,against_electric,against_fairy,against_fight,against_fire,against_flying,against_ghost,against_grass,against_ground,against_ice,against_normal,against_poison,against_psychic,against_rock,against_steel,against_water,attack,base_egg_steps,base_happiness,base_total,capture_rate,classification,defense,experience_growth,height_m,hp,japanese_name,name,percentage_male,pokedex_number,sp_attack,sp_defense,speed,type1,type2,weight_kg,generation,is_legendary
"['Overgrow',
'Chlorophyll']",1,1,1,0.5,0.5,0.5,2,2,1,0.25,1,2,1,1,2,1,1,0.5,49,5120,70,318,45,Seed
Pokémon,49,1059860,0.7,45,Fushigidane,フシギダネ, Bulbasaur,88.1,1,6
5,65,45,grass,poison,6.9,1,0
"['Overgrow',
```

'Chlorophyll']",1,1,1,0.5,0.5,0.5,2,2,1,0.25,1,2,1,1,2,1,1,0.5,62,5120,70,405,45,Seed
Pok  mon,63,1059860,1.0,60,Fushigisou  f     ,   ,   ,   ,   ,lvysaur,88.1,2,80,80,
60,grass,potion,13.0,1,0

"['Overgrow',

'Chlorophyll']",1,1,1,0.5,0.5,0.5,2,2,1,0.25,1,2,1,1,2,1,1,0.5,100,5120,70,625,45,Seed
Pok  mon,123,1059860,2.0,80,Fushigibana  f     ,   ,   f     f  ,Venusaur,88.1,3,
122,120,80,grass,potion,100.0,1,0

"['Blaze', 'Solar

Power']",0.5,1,1,1,0.5,1,0.5,1,1,0.5,2,0.5,1,1,1,2,0.5,2,52,5120,70,309,45,Lizard
Pok  mon,43,1059860,0.6,39,Hitokage  f     f     ,   ,   ,   ,Charmander,88.1,4,60,50,
65,fire,,8.5,1,0

"['Blaze', 'Solar

Power']",0.5,1,1,1,0.5,1,0.5,1,1,0.5,2,0.5,1,1,1,2,0.5,2,64,5120,70,405,45,Flame
Pok  mon,58,1059860,1.1,58,Lizardo  f     ,   f     f  ,Charmeleon,88.1,5,80,65,80
,fire,,19.0,1,0

"['Blaze', 'Solar

Power']",0.25,1,1,2,0.5,0.5,0.5,1,1,0.25,0,1,1,1,1,4,0.5,2,104,5120,70,634,45,Flame
Pok  mon,78,1059860,1.7,78,Lizardon  f     ,   f     f     f  ,Charizard,88.1,6,159,1
15,100,fire,flying,90.5,1,0

"['Torrent', 'Rain

Dish']",1,1,1,2,1,1,0.5,1,1,2,1,0.5,1,1,1,1,0.5,0.5,48,5120,70,314,45,Tiny Turtle
Pok  mon,65,1059860,0.5,44,Zenigame  ,   f     ,   f  ,Squirtle,88.1,7,50,64,43,
water,,9.0,1,0

"['Torrent', 'Rain

Dish']",1,1,1,2,1,1,0.5,1,1,2,1,0.5,1,1,1,1,0.5,0.5,63,5120,70,405,45,Turtle
Pok  mon,80,1059860,1.0,59,Kameil  ,   f     f     f  ,Wartortle,88.1,8,65,80,58,wa
ter,,22.5,1,0

"['Torrent', 'Rain

Dish']",1,1,1,2,1,1,0.5,1,1,2,1,0.5,1,1,1,1,0.5,0.5,103,5120,70,630,45,Shellfish
Pok  mon,120,1059860,1.6,79,Kamex  ,   f     f   f  ,   ,   ,   ,Blastoise,88.1,9,135,115
,78,water,,85.5,1,0

"['Shield Dust', 'Run

Away']",1,1,1,1,1,0.5,2,2,1,0.5,0.5,1,1,1,1,2,1,1,30,3840,70,195,255,Worm
Pok  mon,35,1000000,0.3,45,Caterpie  ,   f     ,   f     f     f  ,Caterpie,50,10,20,20,
45,bug,,2.9,1,0

['Shed Skin'],1,1,1,1,1,0.5,2,2,1,0.5,0.5,1,1,1,1,2,1,1,20,3840,70,205,120,Cocoon

Pok  mon,55,1000000,0.7,50,Transel  f     f     f     f  ,Metapod,50,11,25,25,3
0,bug,,9.9,1,0

"['Compoundeyes', 'Tinted

Lens']",0.5,1,1,2,1,0.25,2,2,1,0.25,0,2,1,1,1,4,1,1,45,3840,70,395,45,Butterfly
Pok  mon,50,1000000,1.1,60,Butterfree  f     ,   f     f     f     f  ,Butterfree,50,12,90
,80,70,bug,flying,32.0,1,0

["Shield Dust", 'Run Away']",0.5,1,1,1,0.5,0.25,2,2,1,0.25,1,1,1,0.5,2,2,1,1,35,3840,70,195,255,Hairy Pokémon,30,1000000,0.3,40,Beedle " " f ¼ f % f «,Weedle,50,13,20,20,50,bug,poison,3.2,1,0

['Shed Skin'],0.5,1,1,1,0.5,0.25,2,2,1,0.25,1,1,1,0.5,2,2,1,1,25,3840,70,205,120,Cocoon Pokémon,50,1000000,0.6,45,Cocoon, " " f ¼ f ³,Kakuna,50,14,25,25,35,bug,poison,10.0,1,0

['Swarm', 'Sniper']",0.5,1,1,1,0.5,0.25,2,2,1,0.25,1,1,1,0.5,2,2,1,1,150,3840,70,495,45,Poison Bee Pokémon,40,1000000,1.0,65,Spear, " f " " f ¼,Beedrill,50,15,15,80,145,bug,poison,29.5,1,0

['Keen Eye', 'Tangled Feet', 'Big Pecks']",0.5,1,1,2,1,1,1,1,0.5,0,2,1,1,1,2,1,1,45,3840,70,251,255,Tiny Bird Pokémon,40,1059860,0.3,40,Poppo " f • f f • ,Pidgey,50,16,35,35,56,normal,flying,1.8,1,0

['Keen Eye', 'Tangled Feet', 'Big Pecks']",0.5,1,1,2,1,1,1,1,0.5,0,2,1,1,1,2,1,1,60,3840,70,349,120,Bird Pokémon,55,1059860,1.1,63,Pigeon " f " " f § f ³,Pidgeotto,50,17,50,50,71,normal,flying,30.0,1,0

['Keen Eye', 'Tangled Feet', 'Big Pecks']",0.5,1,1,2,1,1,1,1,0.5,0,2,1,1,1,2,1,1,80,3840,70,579,45,Bird Pokémon,80,1059860,1.5,83,Pigeot " f " " f § f f f ^ ,Pidgeot,50,18,135,80,121,normal,flying,39.5,1,0

['Run Away', 'Guts', 'Hustle', 'Gluttony', 'Hustle', 'Thick Fat']",1,1,1,1,1,2,1,1,0,1,1,1,1,1,1,1,1,56,3840,70,253,255,Mouse Pokémon,35,1000000,,30,Koratta, " f © f f " ,Rattata,50,19,25,35,72,normal,dark,,1,0

['Run Away', 'Guts', 'Hustle', 'Gluttony', 'Hustle', 'Thick Fat']",1,1,1,1,1,2,1,1,0,1,1,1,1,1,1,1,1,71,3840,70,413,127,Mouse Pokémon,70,1000000,,75,Ratta " f © f f " ,Raticate,50,20,40,80,77,normal,dark,,1,0

['Keen Eye', 'Sniper']",0.5,1,1,2,1,1,1,1,0.5,0,2,1,1,1,2,1,1,60,3840,70,262,255,Tiny Bird Pokémon,30,1000000,0.3,40,Onisuzume, " f ‹ " , " f i,Spearow,50,21,31,31,70,normal,flying,2.0,1,0

['Keen Eye', 'Sniper']",0.5,1,1,2,1,1,1,1,0.5,0,2,1,1,1,2,1,1,90,3840,70,442,90,Beak Pokémon,65,1000000,1.2,65,Onidrill, " f ‹ f % f " f «,Fearow,50,22,61,61,100,normal,flying,38.0,1,0

['Intimidate', 'Shed Skin', 'Unnerve']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,60,5120,70,288,255,Snake Pokémon,44,1000000,2.0,35,Arbo, " f ¼ f œ,Ekans,50,23,40,54,55,poison,,6.9,1,0

"[Intimidate', 'Shed Skin',
 'Unnerve']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,1,95,5120,70,448,90,Cobra
 PokÃ©mon,69,1000000,3.5,60,Arbok, ¢ãf ¼ãf œãf f ã, ¯,Arbok,50,24,65,79,80,p
 oison,,65.0,1,0
 "[Static',
 'Lightningrod']",1,1,1,0.5,1,1,1,0.5,1,1,2,1,1,1,1,0.5,1,55,2560,70,320,190,Mouse
 PokÃ©mon,40,1000000,0.4,35,Pikachuãf ¨ ã, «ãf • ãf ¥ã, !,Pikachu,50,25,50,50,90,
 electric,,6.0,1,0
 "[Static', 'Lightningrod', 'Surge
 Surfer']",1,1,1,0.5,1,1,1,0.5,1,1,2,1,1,1,1,0.5,1,85,2560,70,485,75,Mouse
 PokÃ©mon,50,1000000,,60,Raichuãf ©ã, ¢ãf • ãf ¥ã, !,Raichu,50,26,95,85,110,elec
 tric,electric,,1,0
 "[Sand Veil', 'Sand Rush', 'Snow Cloak', 'Slush
 Rush']",1,1,1,0,1,1,1,1,1,2,1,2,1,0.5,1,0.5,1,2,75,5120,70,300,255,Mouse
 PokÃ©mon,90,1000000,,50,Sandã, µãf ³ãf %ãf Sandshrew,50,27,10,35,40,ground,ice,,
 1,0
 "[Sand Veil', 'Sand Rush', 'Snow Cloak', 'Slush
 Rush']",1,1,1,0,1,1,1,1,1,2,1,2,1,0.5,1,0.5,1,2,100,5120,70,450,90,Mouse
 PokÃ©mon,120,1000000,,75,Sandpanã, µãf ³ãf %ãf ‘ ãf ³,Sandslash,50,28,25,65,6
 5,ground,ice,,1,0
 "[Poison Point', 'Rivalry',
 'Hustle']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,1,47,5120,70,275,235,Poison Pin
 PokÃ©mon,52,1059860,0.4,55,Nidoran?ãf ¨ ãf %ãf ©ãf ³ã™€,Nidoranã™€,0,29,40
 ,40,41,poison,,7.0,1,0
 "[Poison Point', 'Rivalry',
 'Hustle']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,1,62,5120,70,365,120,Poison Pin
 PokÃ©mon,67,1059860,0.8,70,Nidorinaãf ¨ ãf %ãf ¢ãf ¼ãf Š,Nidorina,0,30,55,55,5
 6,poison,,20.0,1,0
 "[Poison Point', 'Rivalry', 'Sheer
 Force']",0.5,1,1,0,0.5,0.5,1,1,1,1,2,2,1,0.25,2,0.5,1,2,92,5120,70,505,45,Drill
 PokÃ©mon,87,1059860,1.3,90,Nidoqueenãf ¨ ãf %ã, ¯ ã, ¢ãf ³,Nidoqueen,0,31,75,
 85,76,poison,ground,60.0,1,0
 "[Poison Point', 'Rivalry',
 'Hustle']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,1,57,5120,70,273,235,Poison Pin
 PokÃ©mon,40,1059860,0.5,46,Nidoran?ãf ¨ ãf %ãf ©ãf ³ã™, ,Nidoranã™, ,100,32,
 40,40,50,poison,,9.0,1,0
 "[Poison Point', 'Rivalry',
 'Hustle']",0.5,1,1,1,0.5,0.5,1,1,1,0.5,2,1,1,0.5,2,1,1,1,72,5120,70,365,120,Poison Pin
 PokÃ©mon,57,1059860,0.9,61,Nidorinoãf ¨ ãf %ãf ¢ãf ¼ãf Ž,Nidorino,100,33,55,5
 5,65,poison,,19.5,1,0
 "[Poison Point', 'Rivalry', 'Sheer
 Force']",0.5,1,1,0,0.5,0.5,1,1,1,1,2,2,1,0.25,2,0.5,1,2,102,5120,70,505,45,Drill

Pokémon,77,1059860,1.4,81,Nidoking,100,34,85,75,85,poison,ground,62.0,1,0

"['Cute Charm', 'Magic Guard', 'Friend

Guard']",0.5,0.5,0,1,1,0.5,1,1,1,1,1,1,2,1,1,2,1,45,2560,140,323,150,Fairy

Pokémon,48,800000,0.6,70,Pippi, Clefairy,24.6,35,60,65,35,fairy,,7.5,1,0

"['Cute Charm', 'Magic Guard',

'Unaware']",0.5,0.5,0,1,1,0.5,1,1,1,1,1,1,2,1,1,2,1,70,2560,140,483,25,Fairy

Pokémon,73,800000,1.3,95,Pixy, Clefable,24.6,36,95,90,60,fairy,,40.0,1,0

"['Flash Fire', 'Drought', 'Snow Cloak', 'Snow

Warning']",0.5,1,1,1,0.5,1,0.5,1,1,0.5,2,0.5,1,1,1,2,0.5,2,41,5120,70,299,190,Fox

Pokémon,40,1000000,,38,Rokon, Vulpix,24.6,37,50,65,65,fire,ice,,1,0

"['Flash Fire', 'Drought', 'Snow Cloak', 'Snow

Warning']",0.5,1,1,1,0.5,1,0.5,1,1,0.5,2,0.5,1,1,1,2,0.5,2,67,5120,70,505,75,Fox

Pokémon,75,1000000,,73,Kyukon, Ninetales,24.6,38,81,100,109,fire,ice,,1,0

"['Cute Charm', 'Competitive', 'Friend

Guard']",0.5,0.5,0,1,1,1,1,0,1,1,1,1,2,1,1,2,1,45,2560,70,270,170,Balloon

Pokémon,20,800000,0.5,115,Purin, Jigglypuff,24.6,39,45,25,20,normal,fairy,5.5,1,0

"['Cute Charm', 'Competitive',

'Frisk']",0.5,0.5,0,1,1,1,1,0,1,1,1,1,2,1,1,2,1,70,2560,70,435,50,Balloon

Pokémon,45,800000,1.0,140,Pukurin, Wigglytuff,24.6,40,85,50,45,normal,fairy,12.0,1,0

"['Inner Focus',

'Infiltrator']",0.25,1,1,2,0.5,0.25,1,1,1,0.25,0,2,1,0.5,2,2,1,1,45,3840,70,245,255,Bat

Pokémon,35,1000000,0.8,40,Zubat, Zubat,50,41,30,40,55,poison,flying,7.5,1,0

"['Inner Focus',

'Infiltrator']",0.25,1,1,2,0.5,0.25,1,1,1,0.25,0,2,1,0.5,2,2,1,1,80,3840,70,455,90,Bat

Pokémon,70,1000000,1.6,75,Golbat, Golbat,50,42,65,75,90,poison,flying,55.0,1,0

"['Chlorophyll', 'Run

Away']",1,1,1,0.5,0.5,0.5,2,2,1,0.25,1,2,1,1,2,1,1,0.5,50,5120,70,320,255,Weed

Pokémon,55,1059860,0.5,45,Nazonokusa, Oddish,50,43,75,65,30,grass,poison,5.4,1,0

"['Chlorophyll',

'Stench']",1,1,1,0.5,0.5,0.5,2,2,1,0.25,1,2,1,1,2,1,1,0.5,65,5120,70,395,120,Weed

Pokémon,70,1059860,0.8,60,Kusaihana, Gloom,50,44,85,75,40,grass,poison,8.6,1,0

"['Chlorophyll', 'Effect

