OUTPUT

####################################POKEMON####################################

The original Pokémon is a role-playing game based around building a small team of monsters to battle other monsters in a quest to become the best. Pokémon are divided into types, such as water and fire, each with different strengths. Battles between them can be likened to the simple hand game rock-paper-scissors. For example, to gain an advantage over a Pokémon that cannot beat an opponent’s Charizard character because of a weakness to fire, a player might substitute a water-based Pokémon. With experience, Pokémon grow stronger, gaining new abilities. By defeating Gym Leaders and obtaining Gym Badges, trainers garner acclaim.

enter y to proceed(y/n)y

pie chart. please close pie chart.

enter y to proceed(y/n)y

type 1 to see file with index

type any other number to see file without index

your input=1

showing file with index

Name Type Total HP ... Defense Sp.Atk Sp.Def Speed

0 Bulbasaur Bug 318 45 ... 49 65 65 45

1 Ivysaur Bug 405 60 ... 63 80 80 60

2 Venusaur Bug 525 80 ... 83 100 100 80

3 VenusaurMega Venusaur Bug 625 80 ... 123 122 120 80

4 Charmander Bug 309 39 ... 43 60 50 65

.. ... ... ... .. ... ... ... ... ...

795 Diancie Water 600 50 ... 150 100 150 50

796 DiancieMega Diancie Water 700 50 ... 110 160 110 110

797 HoopaHoopa Confined Water 600 80 ... 60 150 130 70

798 HoopaHoopa Unbound Water 680 80 ... 60 170 130 80

799 Volcanion Water 600 80 ... 120 130 90 70

[800 rows x 9 columns]

enter y to proceed(y/n)y

there are many types but we will go with six types in this project.

flowchart image

enter y to proceed(y/n)y

----------------BUG TYPE----------------

Bug-type Pokémon are generally arthropod-like Pokémon, mostly insectoid and a few arachnids. These Pokémon commonly evolve at low levels and as such are ideal for the early stages of the games. Bug-type moves involve use of the bugs' body parts. Bug Pokémon are generally regarded as weak due to the first generation's Bug types having low stats and the first generation's Bug type moves being weak, but some can be quite powerful, like Heracross. Bug types are weak against Fire, Flying, and Rock types, yet are strong against Grass, Psychic, and Dark types.

enter if you want to see graphs of Bug type(yes/no)=no

okay we will take you to next type

here starts another type

---------------DARK TYPE----------------

In the Japanese version, this type is called Evil. According to most Pokédex information, Dark type Pokémon tend to have bad reputations and an evil nature about them. Dark-type Pokémon are known for using sinister moves such as biting and stealing. Examples of Dark-type Pokémon include Tyranitar, Absol, Mightyena, Umbreon, Houndoom, Sneasel and especially Murkrow for reasonable reasons. Certain species of Pokémon classified as Dark seem to be misunderstood, such as Absol, who has gathered a reputation of bad luck, always appearing at human towns when a natural disaster is about to happen, when really, it tries to warn the humans. Dark type Pokémon are strong against Psychic and Ghost types, however are weak against Fighting, Bug, and Fairy types.

enter if you want to see graphs of Dark type(yes/no)=no

okay we will take you to next type

here starts another type

--------------DRAGON TYPE---------------

Dragon-type Pokémon are, quite simply, dragons. Their moves involve the use of claws and breath. They are one of only two types, the other being Ghost, to be Super Effective against its own type. Not all dragon-like Pokémon are Dragon-type Pokémon; for example, Charizard is a Fire/Flying type, Gyarados is a Water/Flying type, Lapras is a Water/Ice type, Aerodactyl is a Rock/Flying type, Steelix is a Steel/Ground type, Tyranitar is a Rock/Dark type, Sceptile is a pure Grass type, Aggron is a Steel/Rock type, and Milotic is pure Water type, but a select few are in the Dragon breeding group (Charizard, Milotic, Gyarados, and Sceptile), and some can Mega Evolve into a Dragon-type (Charizard, Ampharos, and Sceptile).

enter if you want to see graphs of Dragon type(yes/no)=yes

Reading Data from File in Different way

A: Read csv file

B: Reading file without index

Apply Data Manipulation in the records of csv File

C: Sorting the data as per your choice

D: Read Top and Bottom Records file as per requirement

E: Make the copy of csv file

F: lead the Specific column

Data Visualization

1: Line Chart

2: Bar Plot

3: Pie chart

4: Scatter chart

5: Histogram

please enter your from above given options=C

type A for ascending order or type D for descending order

enter your input=A

a is for Name

b is for HP

c is for attack

d for defense

e is for speed

enter the column according to which you want to see records=c

Name Type Total ... Sp.Atk Sp.Def Speed

488 Happiny Normal 220 ... 15 65 30

121 Chansey Dragon 450 ... 35 105 50

230 Shuckle Fire 505 ... 10 230 5

261 Blissey Fire 540 ... 75 135 55

139 Magikarp Electric 200 ... 15 20 80

.. ... ... ... ... ... ... ...

429 DeoxysAttack Forme Ice 600 ... 180 20 150

426 RayquazaMega Rayquaza Ice 780 ... 180 100 115

424 GroudonPrimal Groudon Ice 770 ... 150 90 90

232 HeracrossMega Heracross Fire 600 ... 40 105 75

163 MewtwoMega Mewtwo X Electric 780 ... 154 100 130

[800 rows x 9 columns]

want to do it again(yes/no)=yes

please enter your from above given options=D

enter T for seeing top racords/B for bottom records=B

you have selected to see bottom records

enter number of records you want to see=10

Name Type Total ... Sp.Atk Sp.Def Speed

22 Tangela Dragon 435 ... 100 40 60

23 Kangaskhan Dragon 490 ... 40 80 90

24 KangaskhanMega Kangaskhan Dragon 590 ... 60 100 100

25 Horsea Dragon 295 ... 70 25 60

26 Seadra Dragon 440 ... 95 45 85

27 Goldeen Dragon 320 ... 35 50 63

28 Seaking Dragon 450 ... 65 80 68

29 Staryu Dragon 340 ... 70 55 85

30 Starmie Dragon 520 ... 100 85 115

31 Mr. Mime Dragon 460 ... 100 120 90

[10 rows x 9 columns]

want to do it again(yes/no)=yes

please enter proper input

please enter your from above given options=F

Total

Name

Haunter 405

Gengar 500

GengarMega Gengar 600

Onix 385

Drowzee 328

Hypno 483

Krabby 325

Kingler 475

Voltorb 330

Electrode 480

Exeggcute 325

Exeggutor 520

Cubone 320

Marowak 425

Hitmonlee 455

Hitmonchan 455

Lickitung 385

Koffing 340

Weezing 490

Rhyhorn 345

Rhydon 485

Chansey 450

Tangela 435

Kangaskhan 490

KangaskhanMega Kangaskhan 590

Horsea 295

Seadra 440

Goldeen 320

Seaking 450

Staryu 340

Starmie 520

Mr. Mime 460

want to do it again(yes/no)=yes