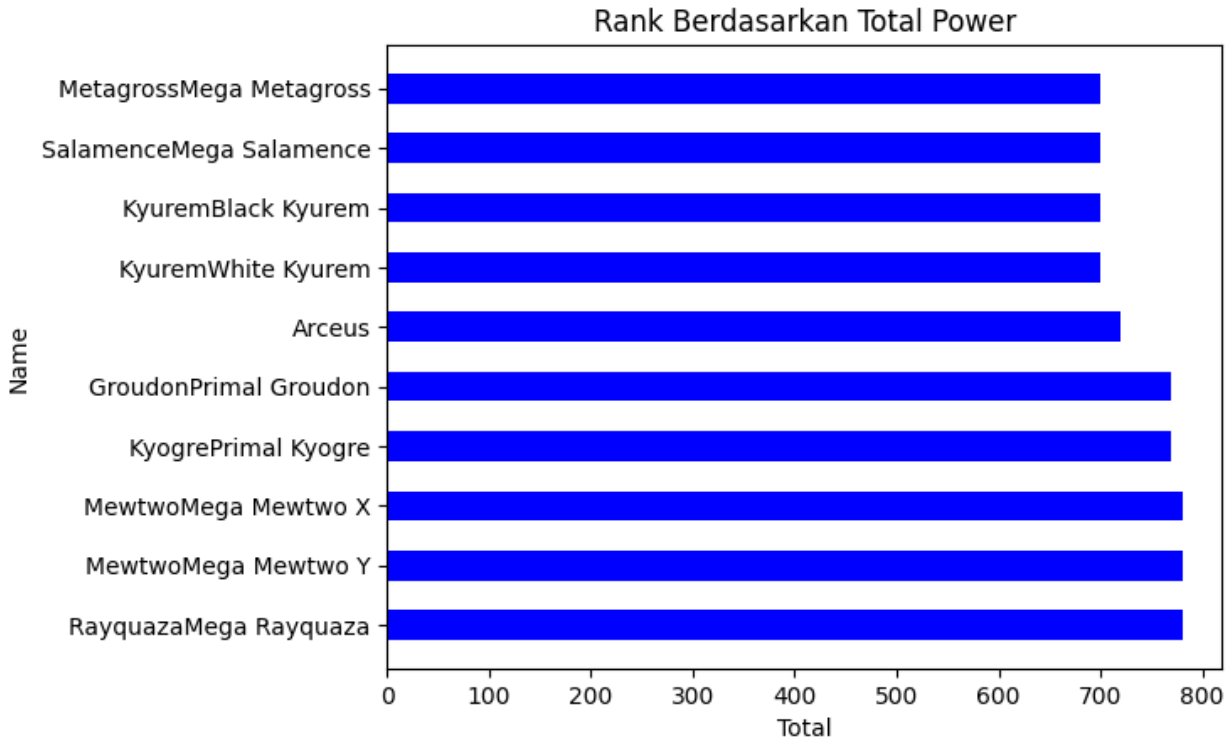
```
import matplotlib
import pandas as pd
import csv as csv
import matplotlib.pyplot as plt
import os
##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
count = bukacsv['Total'].value_counts()
ranked = bukacsv.sort_values(by='Total', ascending=False)
bukacsv = ranked.head(10)

##########  Tampilkan
bukacsv = bukacsv.dropna(subset=['Name'])
plt.barh(bukacsv['Name'], bukacsv['Total'], color='blue', height=0.5)
plt.title('Rank Berdasarkan Total Power')
plt.xlabel('Total')
plt.ylabel('Name')

plt.show()
```




```
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```
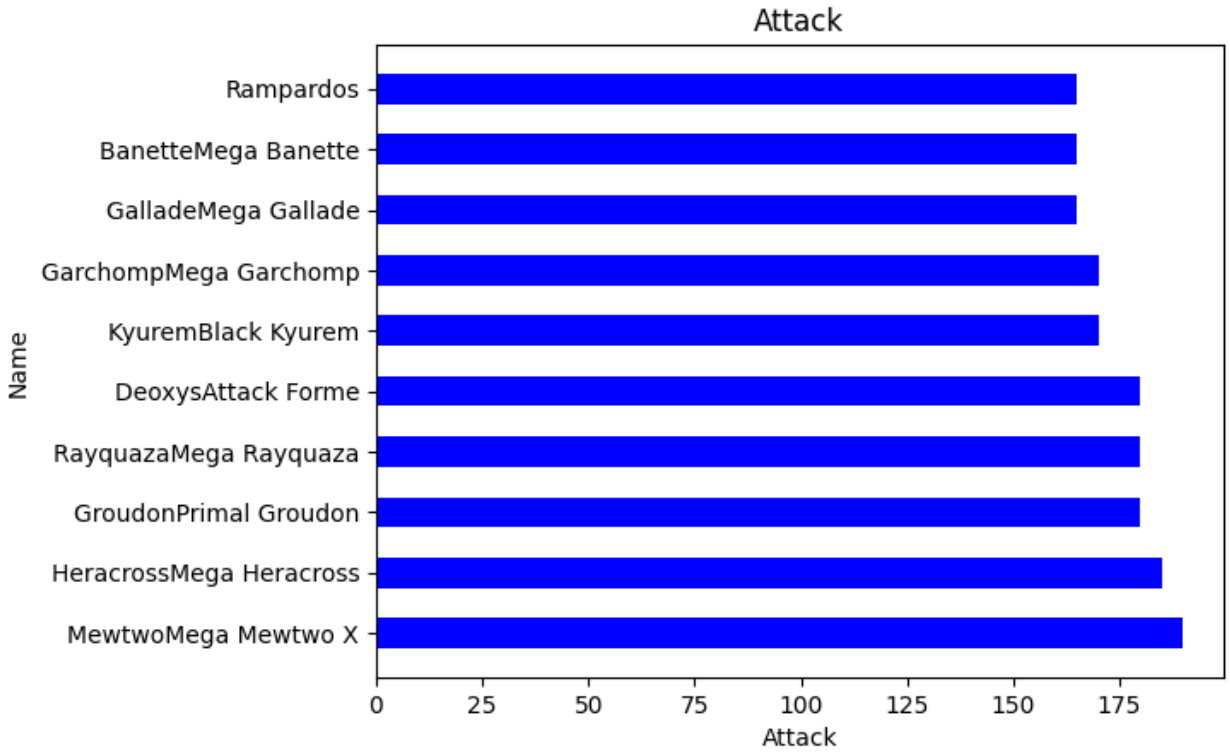

```
import os
##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
ranked = bukacsv.sort_values(by='Attack', ascending=False)
bukacsv = ranked.head(10)
##########  Tampilkan
bukacsv = bukacsv.dropna(subset=['Name'])

plt.barh(bukacsv['Name'], bukacsv['Attack'], color='blue', height=0.5)
plt.title('Attack')
plt.xlabel('Attack')
plt.ylabel('Name')

plt.show()
```




```
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import os
##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
ranked = bukacsv.sort_values(by='HP', ascending=False)
bukacsv = ranked.head(20)0
```
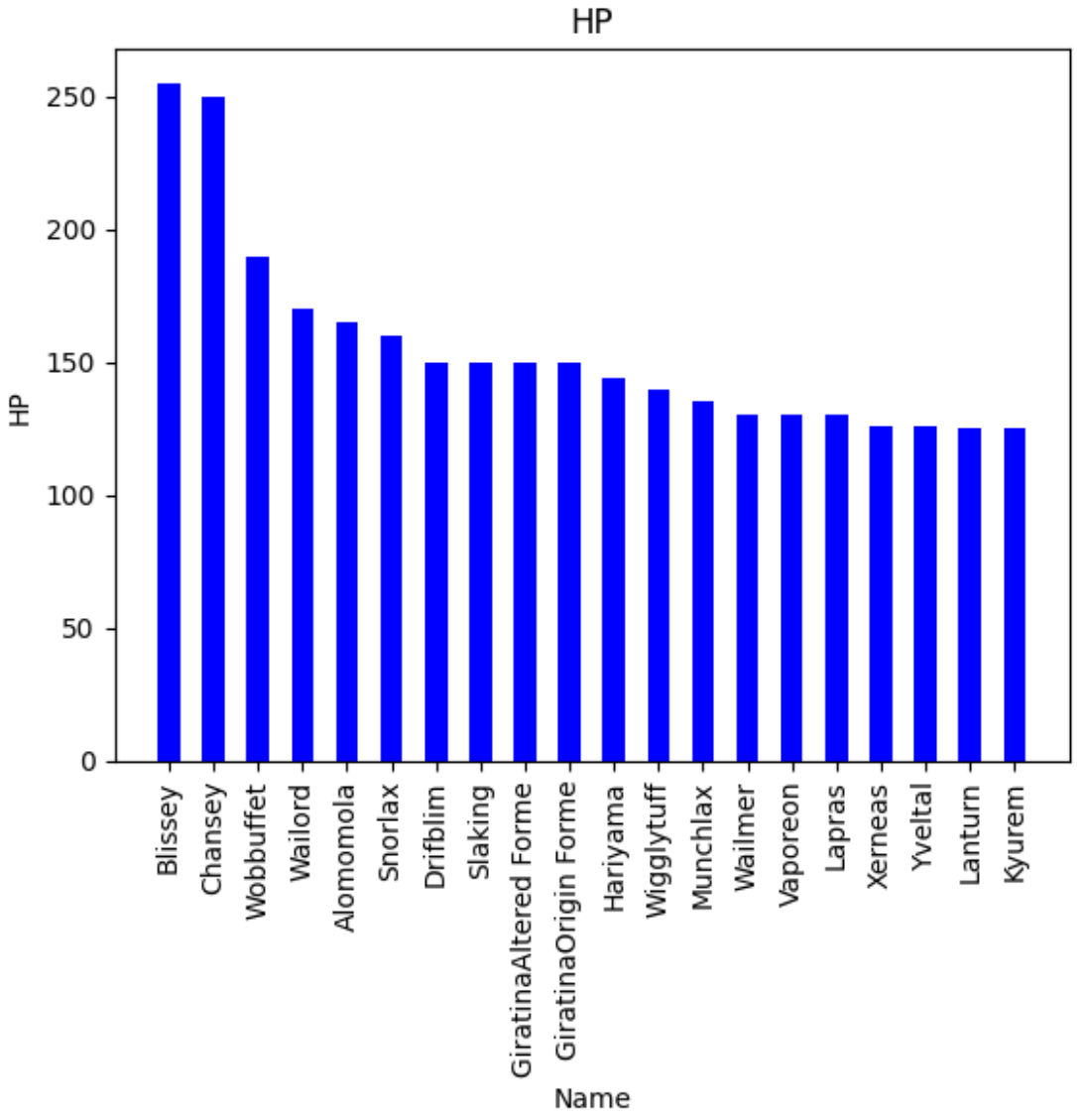

```
bukacsv = bukacsv.dropna(subset=['Name'])

##########  Tampilkan
plt.setp(plt.gca().get_xticklabels(), rotation=90)
plt.bar(bukacsv['Name'], bukacsv['HP'], color='blue', width=0.5)
plt.title('HP')
plt.xlabel('Name')
plt.ylabel('HP')
plt.show()
```




```
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import pandas as pd
import csv as csv
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```
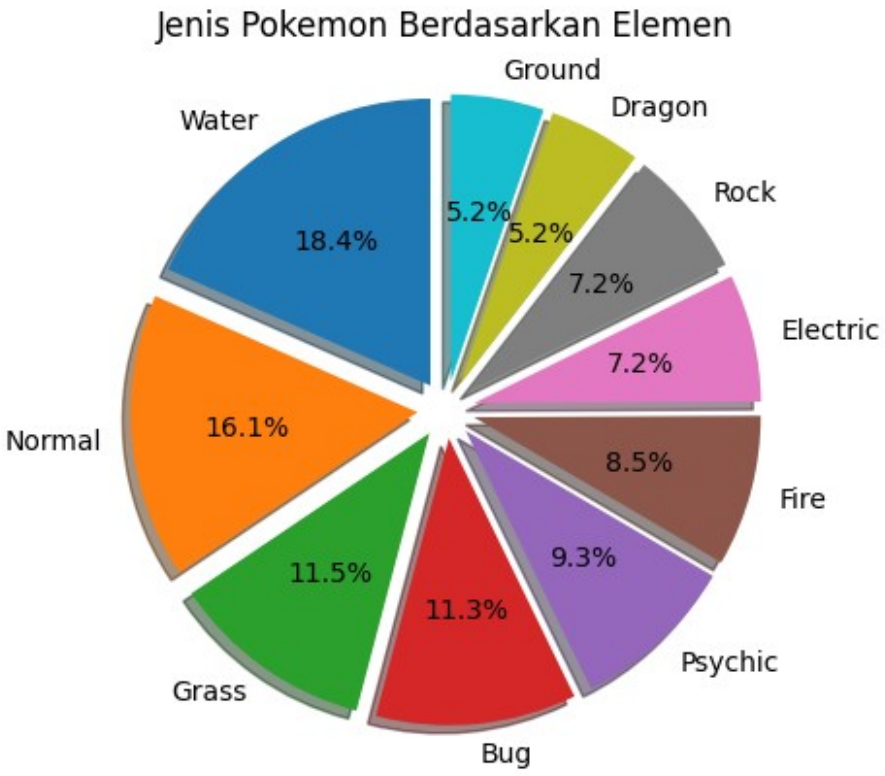

```
import matplotlib.pyplot as plt
import os

##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
count = bukacsv['Type 1'].value_counts()
slice = count.head(10)

##########  Tampilkan
plt.pie(slice, labels=slice.index, autopct='%1.1f%%', shadow=True,
startangle=90, explode = (0.1,0.1,0.1,0.1,0.1,0.1,0.1,0.1,0.1,0.1))
plt.title('Jenis Pokemon Berdasarkan Elemen')
plt.show()
```




```
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import os

##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
count = bukacsv['Type 2'].value_counts()
slice = count.head(10)
```
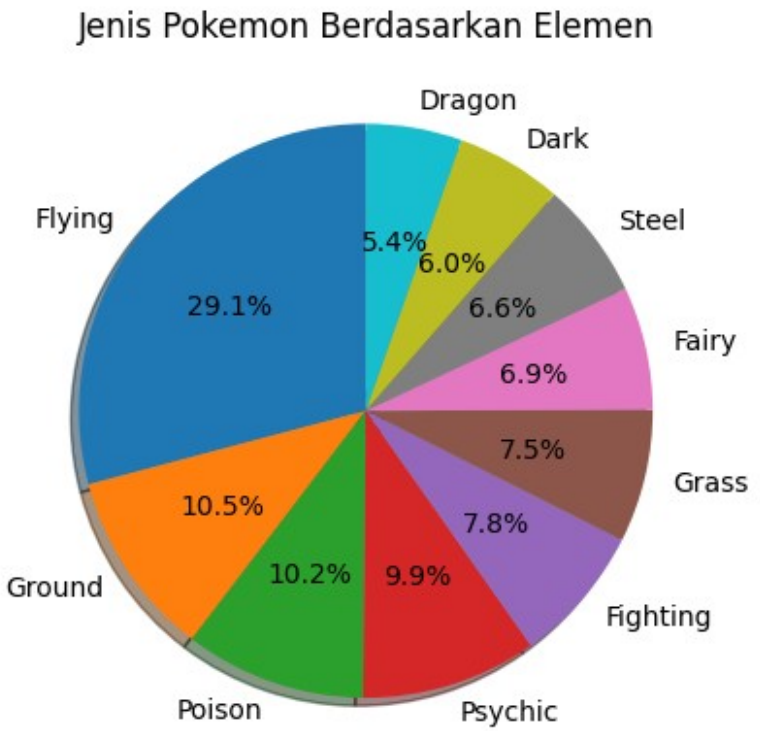

```
##########  Tampilkan
plt.pie(slice,labels=slice.index, autopct='%1.1f%%', shadow=True,
startangle=90)
plt.title('Jenis Pokemon Berdasarkan Elemen')
plt.show()
```




```
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import matplotlib.pyplot as plt
import os

##########  Buka CSV
bukacsv = pd.read_csv("pokemon.csv")
count = bukacsv['Defense'].value_counts()
slice = count.head(10)
bukacsv = bukacsv.dropna(subset=['Name'])
ranked = bukacsv.sort_values(by='Defense', ascending=False)
bukacsv = ranked.head(20)

##########  Ubah nama menjadi vertikal
plt.setp(plt.gca().get_xticklabels(), rotation=90)

##########  Tampilkan
plt.bar(bukacsv['Name'], bukacsv['Defense'], color='blue')
```
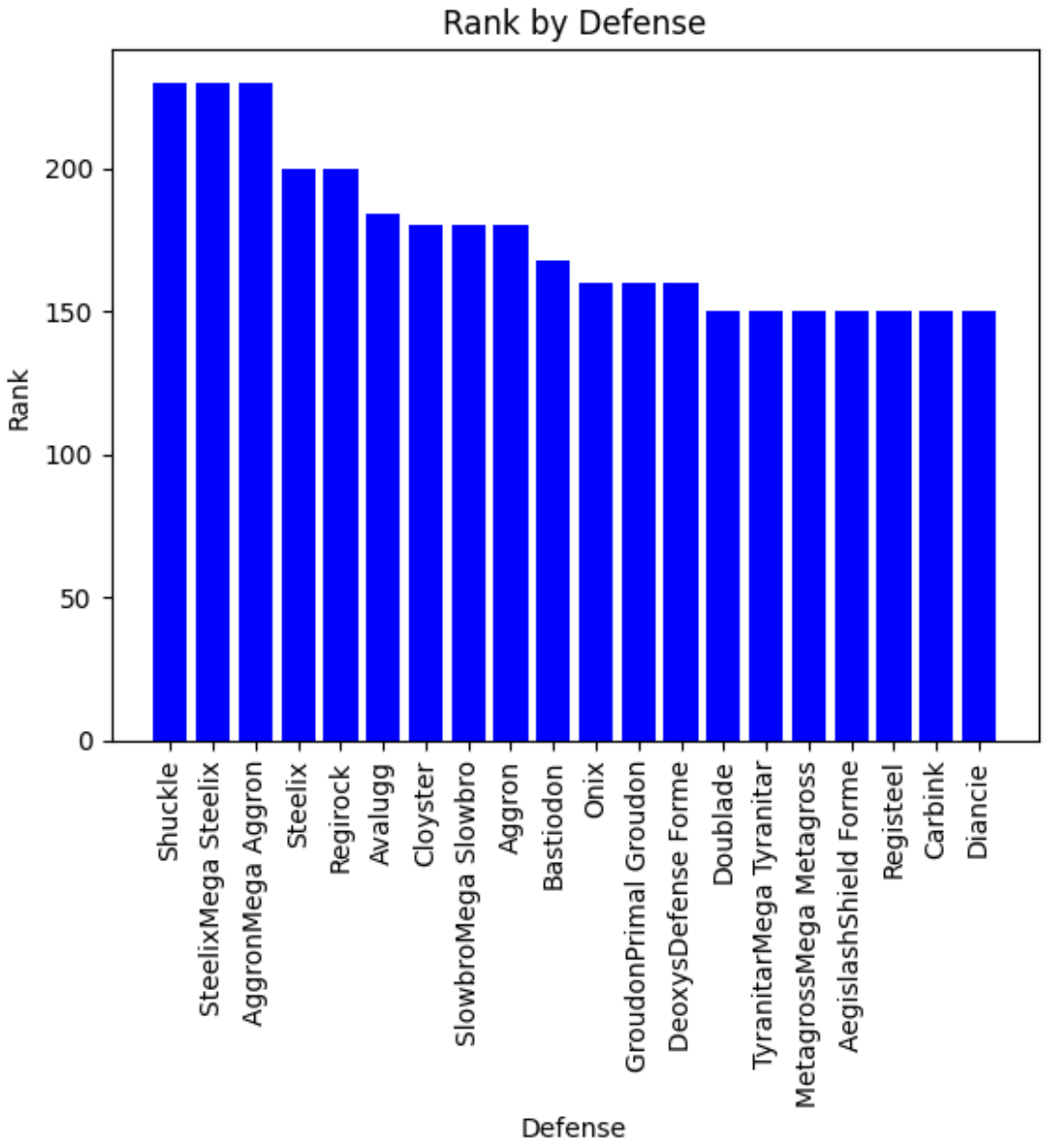

```
plt.title('Rank by Defense')
plt.xlabel('Defense')
plt.ylabel('Rank')
plt.show()
```




```
import matplotlib
import pandas as pd
import csv as csv
import matplotlib.pyplot as plt
import os

bukacsv = pd.read_csv("pokemon.csv")
```

```
count = bukacsv['Generation'].value_counts()

slice = count.head(6)

plt.hist(bukacsv['Generation'], color='blue')
plt.title('Count By Generation')
plt.xlabel('Generation')
plt.ylabel('count')
plt.show()
```