


(*Rodzaje drzew w lasach w latach 2014-2018*)

```
In[67]:= drzewa = {"sosna", 5366324}, {"świerk", 533602}, {"jodła", 295115},  
             {"pozostałe iglaste", 113505}, {"dąb", 716233}, {"brzoza", 673554},  
             {"buk", 555403}, {"olcha", 527315}, {"pozostałe liściaste", 461338};
```

```
iglasteSum = Sum[drzewa[[i]][[2]], {i, 1, 4});  
lisiasteSum = Sum[drzewa[[i]][[2]], {i, 5, 9});  
drzewaSum = Sum[drzewa[[i]][[2]], {i, 1, 9});  
liczby = Table[drzewa[[i]][[2]], {i, 1, 9});  
rd = RGBColor["#a64836"];  
gr = RGBColor["#3f6830"];
```

```
In[74]:= data = Table[drzewa[[i]], {i, {1, 2, 3, 5, 6, 7, 8}}];  
kolorki = {gr, rd, rd, rd, gr, rd, gr};  
  
chmurka = WordCloud[data, , ColorFunction -> kolorki, ImageSize -> 485];
```

```
In[79]:= ciasteczko = PieChart[{iglasteSum, lisciasteSum},  
  ChartLabels -> Placed[{"iglaste", "liściaste"}, "RadialCenter", Rotate[#, 322 Degree] &],  
  LabelStyle -> 30, ChartElementFunction -> "NoiseSector",  
  PlotLabel -> Style["Rodzaje drzew w Polsce", Black],  
  ColorFunction -> "SandyTerrain", SectorOrigin -> {Automatic, 1.15},  
  Epilog -> Inset[chmurka], ImageSize -> 700];
```

```
In[80]:= CloudExport[ciasteczko, "JPG"]
```

```
Out[80]= CloudObject[https://www.wolframcloud.com/obj/d79b191d-c86b-4622-a3bf-9bcd826ab8e7]
```

```
In[155]:= kolory = {gr, rd, rd, rd, gr, rd, rd, gr, gr};  
lab = Table[drzewa[[i]][[1]], {i, 1, 9});  
labele = Table[ReverseSortBy[drzewa, Last][[i]][[1]], {i, 1, 9});  
bar = BarChart[ReverseSort[liczby], ImageSize -> 425, BarSpacing -> 0.1, ChartStyle -> kolory,  
  ChartLabels -> Placed[labele, Above, Rotate[#, 90 Degree] &],  
  PlotLabel -> Framed[Style["Gatunki drzew", Black, 20]]];
```

```
In[154]:= CloudExport[bar, "JPG"]
```

```
Out[154]= CloudObject[https://www.wolframcloud.com/obj/85fd3bea-2d41-4470-91b6-3a5368f7baeb]
```