

## Descripció de la base de dades

El conjunt de dades inclou les descripcions de mostres hipotètiques corresponents a 23 espècies de bolets embranquiats de les famílies Agarical i Lepiota. Cada espècie s'identifica com a comestible o venenosa. Conté 8124 instances, 22 atributs i una variable classificadora.

### Informació dels atributs:

1. cap-shape:	bell=b,conical=c,convex=x,flat=f,knobbed=k,sunken=s
2. cap-surface:	fibrous=f,grooves=g,scaly=y,smooth=s
3. cap-color:	brown=n,buff=b,cinnamon=c,gray=g,green=r, pink=p,purple=u,red=e,white=w,yellow=y
4. bruises?:	bruises=t,no=f
5. odor:	almond=a,anise=l,creosote=c,fishy=y,foul=f, musty=m,none=n,pungent=p,spicy=s
6. gill-attachment:	attached=a,descending=d,free=f,notched=n
7. gill-spacing:	close=c,crowded=w,distant=d
8. gill-size:	broad=b,narrow=n
9. gill-color:	black=k,brown=n,buff=b,chocolate=h,gray=g, green=r,orange=o,pink=p,purple=u,red=e, white=w,yellow=y
10. stalk-shape:	enlarging=e,tapering=t
11. stalk-root:	bulbous=b,club=c,cup=u,equal=e, rhizomorphs=z,rooted=r,missing=?
12. stalk-surface-above-ring:	fibrous=f,scaly=y,silky=k,smooth=s
13. stalk-surface-below-ring:	fibrous=f,scaly=y,silky=k,smooth=s
14. stalk-color-above-ring:	brown=n,buff=b,cinnamon=c,gray=g,orange=o, pink=p,red=e,white=w,yellow=y
15. stalk-color-below-ring:	brown=n,buff=b,cinnamon=c,gray=g,orange=o, pink=p,red=e,white=w,yellow=y
16. veil-type:	partial=p,universal=u
17. veil-color:	brown=n,orange=o,white=w,yellow=y
18. ring-number:	none=n,one=o,two=t
19. ring-type:	cobwebby=c,evanescent=e,flaring=f,large=l, none=n,pendant=p,sheathing=s,zone=z
20. spore-print-color:	black=k,brown=n,buff=b,chocolate=h,green=r, orange=o,purple=u,white=w,yellow=y
21. population:	abundant=a,clustered=c,numerous=n, scattered=s,several=v,solitary=y
22. habitat:	grasses=g,leaves=l,meadows=m,paths=p, urban=u,waste=w,woods=d

### Distribució del classificador:

(e) edible: 4208 (51.8%)

(p) poisonous: 3916 (48.2%)