**Data Description**

Attribute Information: (classes: edible=e, poisonous=p)

* cap-shape: bell=b, conical=c, convex=x, flat=f, knobbed=k, sunken=s
* cap-surface: fibrous=f, grooves=g, scaly=y, smooth=s
* cap-colour: brown=n,buff=b,cinnamon=c,gray=g,green=r,pink=p,purple=u,red=e,white=w,yellow=y
* bruises: bruises=t, no=f
* odour: almond=a,anise=l,creosote=c,fishy=y,foul=f,musty=m,none=n,pungent=p,spicy=s
* gill-attachment: attached=a, descending=d, free=f, notched=n
* gill-spacing: close=c, crowded=w, distant=d
* gill-size: broad=b, narrow=n
* gill-colour: black=k, brown=n, buff=b, chocolate=h, grey=g, green=r, orange=o, pink=p, purple=u, red=e, white=w, yellow=y
* stalk-shape: enlarging=e, tapering=t
* radius: max radius of primordium, continuous variable
* stalk-root: bulbous=b, club=c, cup=u, equal=e, rhizomorphs=z, rooted=r, missing=?
* stalk-surface-above-ring: fibrous=f, scaly=y, silky=k, smooth=s
* stalk-surface-below-ring: fibrous=f, scaly=y, silky=k, smooth=s
* stalk-colour-above-ring: brown=n,buff=b,cinnamon=c,gray=g,orange=o,pink=p,red=e,white=w,yellow=y
* stalk-colour-below-ring: brown=n,buff=b,cinnamon=c,gray=g,orange=o,pink=p,red=e,white=w,yellow=y
* veil-type: partial=p, universal=u
* veil-colour: brown=n, orange=o, white=w, yellow=y
* ring-number: none=n, one=o, two=t
* ring-type: cobwebby=c,evanescent=e,flaring=f,large=l,none=n,pendant=p,sheathing=s,zone=z
* spore-print-colour: black=k,brown=n,buff=b,chocolate=h,green=r,orange=o,purple=u,white=w,yellow=y
* population: abundant=a,clustered=c,numerous=n,scattered=s,several=v,solitary=y
* habitat: grasses=g, leaves=l, meadows=m, paths=p, urban=u, waste=w, woods=d
* weight :weight of the mushroom, continuous variable