START

How does it smell?

Like Almond or Anise → **edible**

Creosote-y, Fishy, Foul, Musty, Pungent, or Spicy → **poisonous!**

No Discernible Odor →

What color spore prints?

Green → **poisonous!**

Black, Brown, Buff, Chocolate, Orange, Purple, or Yellow → **edible**

White →

Where is it growing?

Grasses, Meadows, Paths, Waste, or an Urban Area → **edible**

Leaves →

Woods →

What color is its cap?

White or Yellow → **poisonous!**

Brown, Buff, Cinnamon, Gray, Green, Pink, Purple, or Red → **edible**

How wide are its gills?

Broad → **edible**

Narrow → **poisonous!**

We found this tree to be surprisingly small in depth, and to have used far fewer attributes to classify mushrooms than we had anticipated. We suppose that that is the intent of the algorithm: to generate such minimal decision trees.

N.B. This diagram is a product of data provided as part of the lab, available at
http://archive.ics.uci.edu/ml/datasets/Mushroom. This diagram has been assembled from those
data by an algorithm thrown together by college students.
If you use this chart to classify mushrooms, you probably deserve whatever happens to you.