Mushrooms:

Tasty or Terrifying!

Table of contents

We need Mushrooms!

What are Mushrooms?

- Genetically closer to Humans than plants.
- The fruit, of the fungus.
- Produce vitamin D.
- Low calorie food.
- Delicious (my opinion).
- They are a key ingredient in many recipes.
- The can also be POISIONOUS!

"Marriage is like mushrooms: we notice too late if they are good or bad."

–Woody Allen

01

How do we get mushrooms?
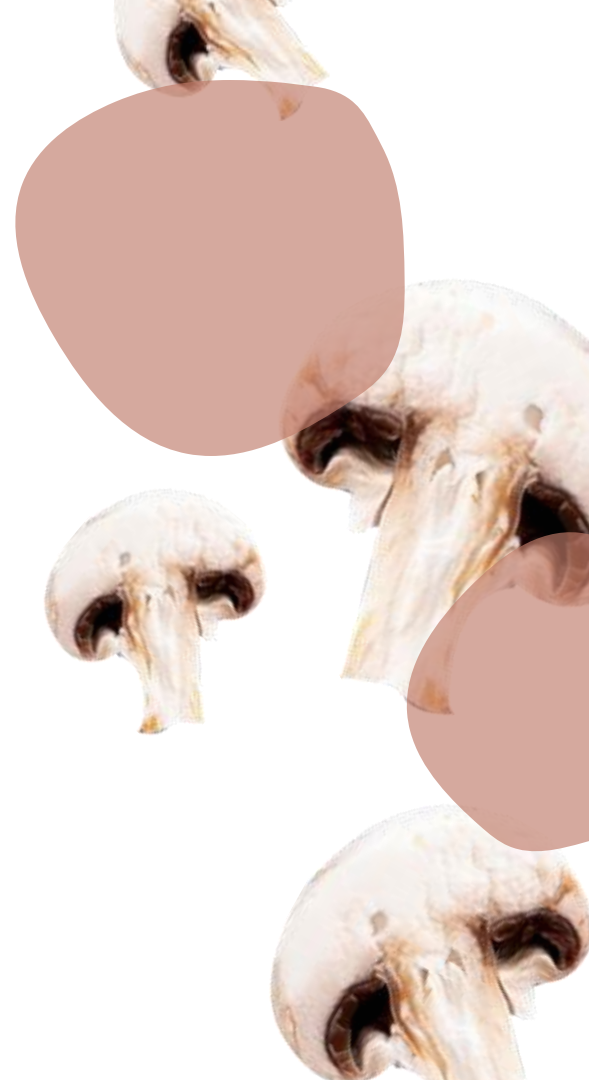
The Store; Low Risk

Pick Them; Well..

02

Safe
Shrooming?

Which of these is safe?

This one will KILL you:

Look for the following features:

yellow, green, or white cap

white gills

white ring skirt on stem

loose sac-like cup, often below ground

There are 14000 shroom species

Many May Look Alike
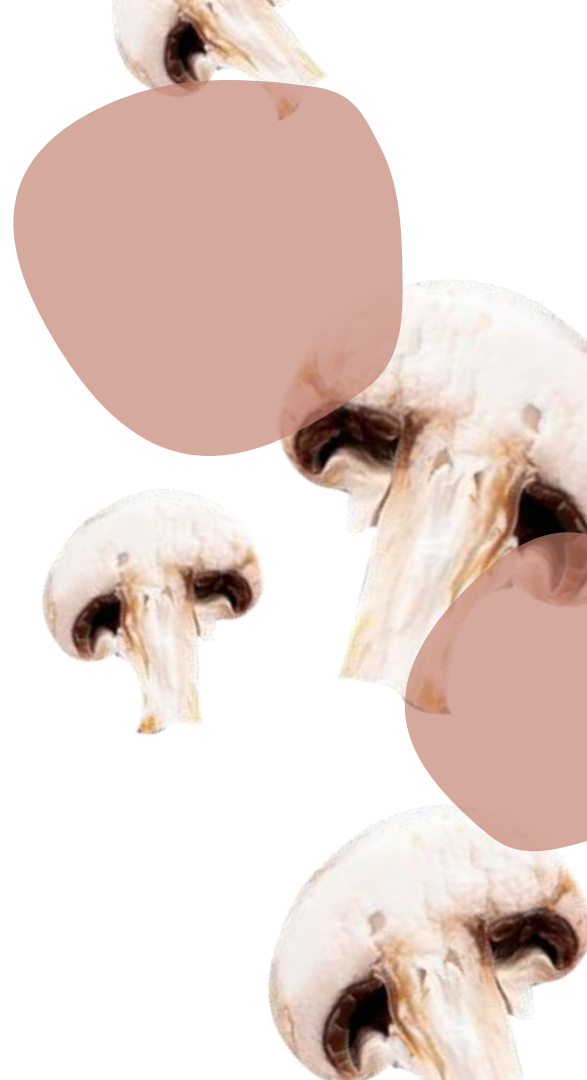
Picking Safe Ones Is Difficult

Some Will Be Tasty

Some Will Make You Sick

03

Leveraging
Data

UC Irvine Data Is Awesome!

UCI ML Mushroom Data

1

Over 8000
Examples

2

23 Features

3

Highly Cited

4

Readily
Available

The Process

Step 01

Acquire Data

Step 02

Explore and Prep Data

Step 03

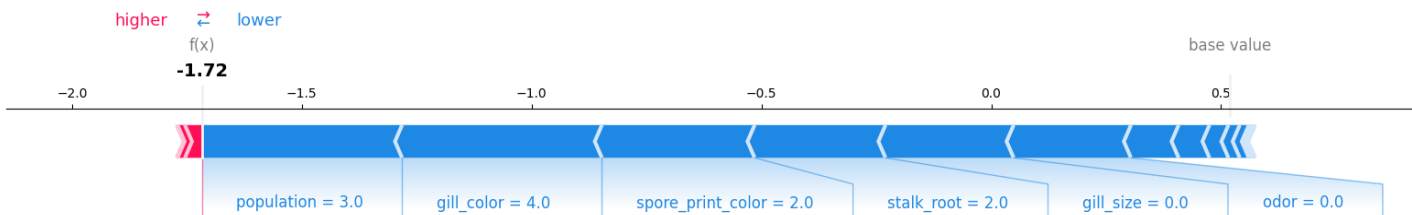Modeling

Step 04

Validation

Step 05

Evaluation

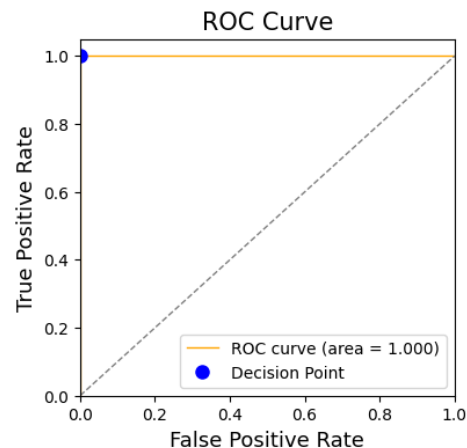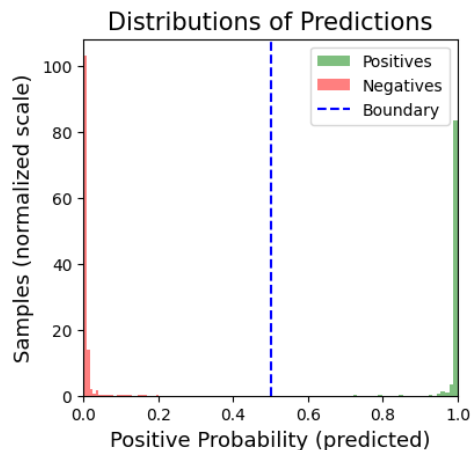**Step 06**

Deployment

Results?

- Highly Accurate Classifier.
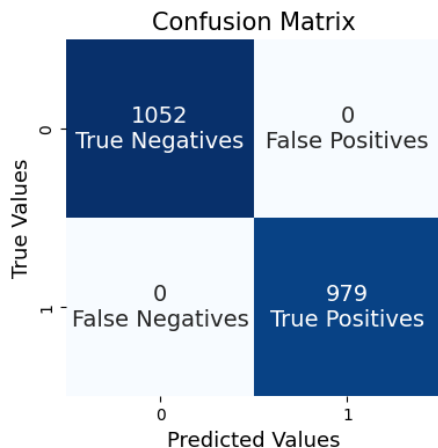
Resources

Fact References

- https://grocycle.com/mushroom-facts/
- https://www.fsis.usda.gov/recalls
- https://archive-beta.ics.uci.edu/dataset/73/mushroom

Photo

- Mushrooms and space on right
- Bowl with mushrooms standing on napkin
- Row of fresh mushrooms

- Top view tomatoes, mushrooms and peppers
- Mushroom veggies cream soup and cloth
- Top view mushrooms in bowl with copy-space
- Mushroom soup in a white jar with mushrooms on a black cloth
- Mushroom soup and empty notepad
- Mushroom soup and white copy space

Icon

- Kitchen Icon Pack

Resources

Vector

- Vegetables concept banner template
- Vegetables concept flyer template
- Vegetables concept banner template
- Vegetables concept poster template
- Vegetables concept flyer template

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