

Mushroom Classification

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Invalid Date

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```
import requests
import zipfile
# First step is adding the downloaded data to the data directory by code

# download data as zip and extract
url = "https://archive.ics.uci.edu/static/public/73/mushroom.zip"

response = requests.get(url)
with open("../data/raw/mushroom.zip", 'wb') as f:
    f.write(response.content)

with zipfile.ZipFile("../data/raw/mushroom.zip", 'r') as zip_ref:
    zip_ref.extractall("../data/raw")
```

```
import pandas as pd
#cleaning the data
df = pd.read_csv("../data/raw/agaricus-lepiota.data", header=None)
df.head()
```

	0	1	2	3	4	5	6	7	8	9	...	13	14	15	16	17	18	19	20	21	22
0	p	x	s	n	t	p	f	c	n	k	...	s	w	w	p	w	o	p	k	s	u
1	e	x	s	y	t	a	f	c	b	k	...	s	w	w	p	w	o	p	n	n	g
2	e	b	s	w	t	l	f	c	b	n	...	s	w	w	p	w	o	p	n	n	m
3	p	x	y	w	t	p	f	c	n	n	...	s	w	w	p	w	o	p	k	s	u
4	e	x	s	g	f	n	f	w	b	k	...	s	w	w	p	w	o	e	n	a	g