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Datasets Description and Test Images display

▲
3
voters

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using data from [Inclusive Images Challenge](#) · 👁 Public

Notebook

In [1]:

```
# This Python 3 environment comes with many helpful ana  
lytics libraries installed  
# It is defined by the kaggle/python docker image: http  
s://github.com/kaggle/docker-python  
# For example, here's several helpful packages to load  
in
```

```
import numpy as np # linear algebra  
import pandas as pd # data processing, CSV file I/O (e.  
g. pd.read_csv)
```

```
# Input data files are available in the "../input/" dir  
ectory.
```

```
# For example, running this (by clicking run or pressin  
g Shift+Enter) will list the files in the input directo  
ry
```

```
import os  
print(os.listdir("../input"))
```

```
# Any results you write to the current directory are sa  
ved as output.
```

```
['classes-trainable.csv', 'train_human_la  
bels.csv', 'stage_1_sample_submission.cs  
v', 'stage_1_test_images', 'tuning_label  
s.csv', 'stage_1_attributions.csv', 'trai  
n_bounding_boxes.csv', 'class-descriptio  
s.csv', 'train_machine_labels.csv']
```

In [2]:

```
os.listdir("../input")
```

Out[2]:

```
['classes-trainable.csv',  
'train_human_labels.csv',  
'stage_1_sample_submission.csv',  
'stage_1_test_images',  
'tuning_labels.csv',  
'stage_1_attributions.csv',  
'train_bounding_boxes.csv',  
'class-descriptions.csv',  
'train_machine_labels.csv']
```

classes-trainable.csv

In [3]:

```
df_classes_trainable = pd.read_csv("../input/classes-trainable.csv")
```

In [4]:

```
df_classes_trainable.describe()
```

Out[4]:

	label_code
count	7178
unique	7178
top	/m/02p0_8y
freq	1

In [5]:

```
df_classes_trainable.head()
```

Out[5]:

	label_code
0	/m/0108_09c
1	/m/010dmf
2	/m/010jjr
3	/m/010l12
4	/m/010lq47b

In [6]:

```
df_classes_trainable.shape
```

Out[6]:

```
(7178, 1)
```

train_human_labels.csv

In [7]:

```
df_train_human_labels = pd.read_csv("../input/train_hu  
man_labels.csv")
```

In [8]:

```
df_train_human_labels.describe()
```

Out[8]:

	Confidence
count	8036466.0
mean	1.0
std	0.0
min	1.0
25%	1.0
50%	1.0
75%	1.0
max	1.0

In [9]:

```
df_train_human_labels.head()
```

Out[9]:

	ImageID	Source	LabelName	Confid
0	000002b66c9c498e	crowdsourc e-verification	/m/01kcnl	1
1	000002b66c9c498e	verification	/m/012mj	1
2	000002b66c9c498e	verification	/m/012yh1	1
3	000002b66c9c498e	verification	/m/014sv8	1
4	000002b66c9c498e	verification	/m/016c68	1

In [10]:

```
df_train_human_labels.shape
```

```
Out[10]:
```

```
(8036466, 4)
```

stage_1_sample_submission.csv

```
In [11]:
```

```
df_stage_1_sample_submission = pd.read_csv("../input/s
tage_1_sample_submission.csv")
```

```
In [12]:
```

```
df_stage_1_sample_submission.describe()
```

```
Out[12]:
```

	image_id	labels
count	32580	32580
unique	32580	1
top	6448715477394243764e673d	/m/0sgh53y /m/0g4cd0
freq	1	32580

```
In [13]:
```

```
df_stage_1_sample_submission.head()
```

```
Out[13]:
```

	image_id	labels
0	2b2b327132556c767a736b3d	/m/0sgh53y /m/0g4cd0
1	2b2b394755692f303963553d	/m/0sgh53y /m/0g4cd0
2	2b2b42584e6d445937444d3d	/m/0sgh53y /m/0g4cd0
3	2b2b44744e57674270616f3d	/m/0sgh53y /m/0g4cd0
4	2b2b4b425a592b683059493d	/m/0sgh53y /m/0g4cd0

```
In [14]:
```

```
df_stage_1_sample_submission.shape
```

```
Out[14]:
```

```
(32580, 2)
```

tuning_labels.csv

```
In [15]:
```

```
df_tuning_labels = pd.read_csv("../input/tuning_labels.csv", header=None, names=['id', 'labels'])
```

```
In [16]:
```

```
df_tuning_labels.describe()
```

```
Out[16]:
```

	id	labels
count	1000	1000
unique	1000	673
top	593666474c4a41726b41343d	/m/05s2s
freq	1	46

```
In [17]:
```

```
df_tuning_labels.head()
```

```
Out[17]:
```

	id	labels
0	2b2f44594449326f4e52553d	/m/06ts_6 /m/01g317
1	2b333057383432514454593d	/m/01g317 /m/06ts_6 /m/01jpn4 /m/0dnkv
2	2b38364476612f6c4558383d	/m/01g317 /m/05zp8
3	2b4270756237642b7456453d	/m/0jjw /m/015r61 /m/02csf /m/05qdh
4	2b4534307571444f412b4d3d	/m/099fz

```
In [18]:
```

```
df_tuning_labels.shape
```

```
Out[18]:
```

```
(1000, 2)
```

stage_1_attributions.csv

```
In [19]:
```

```
df_stage_1_attributions = pd.read_csv("../input/stage_1_attributions.csv")
```

```
In [20]:
```

```
df_stage_1_attributions.describe()
```

```
Out[20]:
```

	image_id	source
count	32580	32580
unique	32580	1135
top	6448715477394243764e673d	HeeYoung Moon
freq	1	1328

```
In [21]:
```

```
df_stage_1_attributions.head()
```

```
Out[21]:
```

	image_id	source
0	2b2b327132556c767a736b3d	Nita Ar
1	2b2b394755692f303963553d	Sathya Esarapu
2	2b2b42584e6d445937444d3d	Mustapha Oussfan
3	2b2b44744e57674270616f3d	Mustapha Oussfan
4	2b2b4b425a592b683059493d	屈俊

```
In [22]:
```

```
at_stage_1_attributions.sname
```

```
Out[22]:
```

```
(32580, 2)
```

train_bounding_boxes.csv

```
In [23]:
```

```
df_train_bounding_boxes = pd.read_csv("../input/train_
bounding_boxes.csv")
```

```
In [24]:
```

```
df_train_bounding_boxes.describe()
```

```
Out[24]:
```

	Confidence	XMin	XMax	YMin
count	14610229.0	1.461023e+07	1.461023e+07	1.461023e+07
mean	1.0	4.021163e-01	5.945006e-01	3.923100e-01
std	0.0	2.775938e-01	2.782700e-01	2.425300e-01
min	1.0	0.000000e+00	6.250000e-04	0.000000e+00
25%	1.0	1.606250e-01	3.720700e-01	2.045000e-01
50%	1.0	3.900000e-01	6.050000e-01	3.818700e-01
75%	1.0	6.230190e-01	8.362500e-01	5.666000e-01
max	1.0	9.993750e-01	1.000000e+00	9.991600e-01

```
In [25]:
```

```
df_train_bounding_boxes.head()
```

```
Out[25]:
```

	ImageID	Source	LabelName	Confidence
0	000002b66c9c498e	xclick	/m/01g317	1
1	000002b66c9c498e	xclick	/m/01g317	1
2	000002b66c9c498e	xclick	/m/01g317	1
3	000002b66c9c498e	xclick	/m/01g317	1
4	000002b66c9c498e	xclick	/m/01g317	1

In [26]:

```
df_train_bounding_boxes.shape
```

Out[26]:

```
(14610229, 13)
```

class-descriptions.csv

In [27]:

```
df_class_descriptions = pd.read_csv("../input/class-descriptions.csv")
```

In [28]:

```
df_class_descriptions.describe()
```

Out[28]:

	label_code	description
count	19987	19987
unique	19987	19704
top	/m/02p0_8y	Trunk
freq	1	4

In [29]:

```
df_class_descriptions.description
```

Out[29]:

```
0          Sprenger's tulip
1          Vinegret
2          Dabu-dabu
3      Pistachio ice cream
4          Woku
5          Pastila
6          Burasa
7      Summer snowflake
8          Airmail
```

8	Animal
9	Isle of man tt
10	Amusement park
11	Roller coaster
12	Witch hat
13	Sandwich Cookies
14	Common Nighthawk
15	Aspartame
16	Air conditioning
17	Granny smith
18	Atari jaguar
19	Atari lynx
20	Kazoo
21	Saffron crocus
22	Pencil skirt
23	Zenbo ST
24	Air show
25	May day
26	Reflex camera
27	Water bottle
28	Unleavened bread
29	Ides of march

...

19957	Gothic
19958	Amchoor
19959	Sarrusophone
19960	Anteater
19961	Bugle
19962	Gammon
19963	Punk
19964	Armored car
19965	BroyÃ© poitevin
19966	Pappa al pomodoro
19967	Louisiana catahoula leopard dog
19968	Maria luisa cake
19969	Child
19970	Oblea
19971	Analog television
19972	Adhesive
19973	Storm
19974	Australian rules football
19975	PastelÃ³n
19976	Sno-ball
19977	Candy cane sorrel
19978	Gingerbread house
19979	Moonshine
19980	Arthropod
19981	Conservation-restoration
19982	Throwing
19983	Red dahlia

```
19983
19984      Brine
19985  Lamborghini huracán
19986      Helmet
Name: description, Length: 19987, dtype:
object
```

In [30]:

```
df_class_descriptions.head()
```

Out[30]:

	label_code	description
0	/m/0100nhbf	Sprenger's tulip
1	/m/0104x9kv	Vinegret
2	/m/0105jzwx	Dabu-dabu
3	/m/0105ld7g	Pistachio ice cream
4	/m/0105lxy5	Woku

In [31]:

```
df_class_descriptions.shape
```

Out[31]:

(19987, 2)

train_machine_labels.csv

In [32]:

```
df_train_machine_labels = pd.read_csv("../input/train_
machine_labels.csv")
```

In [33]:

```
df_train_machine_labels.describe()
```

Out[33]:

	Confidence
count	1.525919e+07
mean	7.301237e-01

mean	7.001207e-01
std	1.418151e-01
min	5.000000e-01
25%	6.000000e-01
50%	7.000000e-01
75%	8.000000e-01
max	1.000000e+00

In [34]:

```
df_train_machine_labels.head()
```

Out[34]:

	ImageID	Source	LabelName	Confidence
0	000002b66c9c498e	machine	/m/05_4_	0.7
1	000002b66c9c498e	machine	/m/0krfg	0.7
2	000002b66c9c498e	machine	/m/01kcnl	0.5
3	000002b97e5471a0	machine	/m/05_5t0l	0.9
4	000002b97e5471a0	machine	/m/0cgh4	0.8

In [35]:

```
df_train_machine_labels.shape
```

Out[35]:

(15259186, 4)

Display some Test Images

In [36]:

```
import cv2
from matplotlib import pyplot as plt
%matplotlib inline

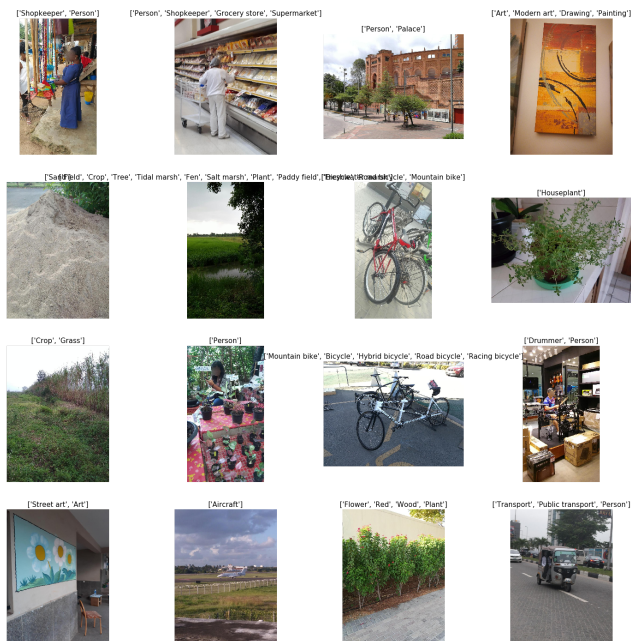
m_labels = df_tuning_labels.labels.str.split().tolist
()
#print(m_labels)
# get the descriptions and translate
```

```

# get the descriptions and translate
map_label_to_des = dict(zip(df_class_descriptions.label_code.values, df_class_descriptions.description.values))
num_of_imgs = 16
des_labels = []
for i in np.arange(num_of_imgs):
    j = [map_label_to_des.get(item, item) for item in m_labels[i]]
    des_labels.append(j)

# pull images and plot
img_list = ['./input/stage_1_test_images/{}.jpg'.format(id_) for id_ in df_tuning_labels.id.values]
fig, ax = plt.subplots()
fig.set_size_inches(25, 25)
ax.set_axis_off()
for n, (image, label) in enumerate(zip(img_list, des_labels)):
    a = fig.add_subplot(num_of_imgs//4, num_of_imgs//4, n+1)
    img = cv2.imread(image, 1)
    img = cv2.cvtColor(img, cv2.COLOR_BGR2RGB)
    plt.axis('off')
    plt.title(label, fontsize=15)
    plt.imshow(img)

```



In [37]:

```

count = pd.DataFrame(df_tuning_labels['labels'].str.split().apply(lambda x: len(x)))

```

```
print(count)
```

```
      labels
0         2
1         4
2         2
3         4
4         1
5         9
6         3
7         1
8         2
9         1
10        5
11        2
12        2
13        1
14        4
15        3
16        4
17        2
18        2
19        5
20        2
21        2
22        4
23        1
24        3
25        3
26        2
27        1
28        4
29        1
..      ...
970       2
971       2
972       1
973       1
974       2
975       3
976       1
977       1
978       1
979       2
980       3
981       2
982       4
983       2
984       6
```

```

984      3
985      5
986      3
987      1
988      4
989      1
990      1
991      3
992      4
993      3
994      4
995      3
996      2
997      1
998      2
999      3

```

```
[1000 rows x 1 columns]
```

In [38]:

```

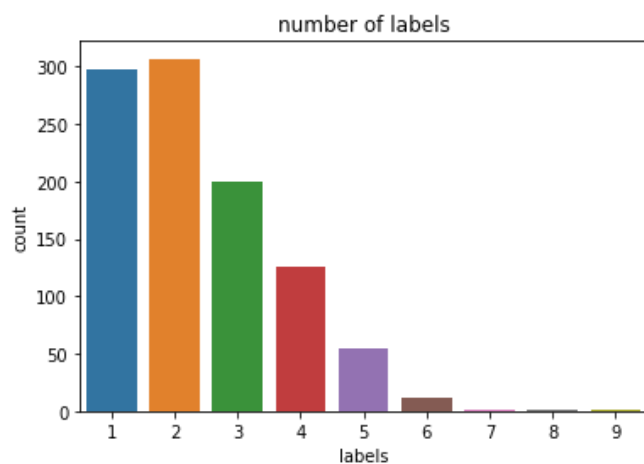
import seaborn as sns
import matplotlib.pyplot as plt
%matplotlib inline

sns.countplot(data=count, x='labels')
plt.title("number of labels")

```

Out[38]:

```
Text(0.5,1,'number of labels')
```



In [39]:

```

# tmp = df_tuning_labels[count['labels'] > 7]
# tmp['labels'].apply(lambda x: x.split()).values

```

Images with more than 7 labels

In [40]:

```
## make a dictionary file
d={}
for i,j in zip(df_class_descriptions.label_code.values
, df_class_descriptions.description.values):
    d[i]=j
```

In [41]:

d

Out[41]:

```
{'/m/0100nhbf': 'Sprenger's tulip',
 '/m/0104x9kv': 'Vinegret',
 '/m/0105jzwx': 'Dabu-dabu',
 '/m/0105ld7g': 'Pistachio ice cream',
 '/m/0105lxy5': 'Woku',
 '/m/0105n86x': 'Pastila',
 '/m/0105ts35': 'Burasu',
 '/m/0108_09c': 'Summer snowflake',
 '/m/01_097': 'Airmail',
 '/m/010dmf': 'Isle of man tt',
 '/m/010jjr': 'Amusement park',
 '/m/010l12': 'Roller coaster',
 '/m/010lq47b': 'Witch hat',
 '/m/010ls_cv': 'Sandwich Cookies',
 '/m/01_0wf': 'Common Nighthawk',
 '/m/010xc': 'Aspartame',
 '/m/01127': 'Air conditioning',
 '/m/01_12b': 'Granny smith',
 '/m/0114n': 'Atari jaguar',
 '/m/01154': 'Atari lynx',
 '/m/011_6p': 'Kazoo',
 '/m/0117_25k': 'Saffron crocus',
 '/m/01172_8x': 'Pencil skirt',
 '/m/0117wzjg': 'Zenvo ST',
 '/m/0117z': 'Air show',
 '/m/0118b5n4': 'May day',
 '/m/0118ms9c': 'Reflex camera',
 '/m/0118n_9r': 'Water bottle',
 '/m/0118n_n1': 'Unleavened bread',
 '/m/0118q29r': 'Ides of march',
 ...}
```



```
'/m/01195jk4': 'Jean short',
'/m/0119x1zy': 'Bun',
'/m/0119x27p': 'Cocker spaniel',
'/m/011b3pkg': 'Giant freshwater stingray',
y',
'/m/011b986k': 'Rockhopper penguin',
'/m/011bc8hg': 'Camomile',
'/m/011bfkzx': 'Beaglier',
'/m/011_dp': 'Membranophone',
'/m/011_f4': 'String instrument',
'/m/011_g9': 'Wind instrument',
'/m/011j2w': 'Shuriken',
'/m/011jbn': 'Gourd',
'/m/011jng': 'Fiber',
'/m/011jxn': 'Lasagne',
'/m/011k07': 'Tortoise',
'/m/011k_j': 'Timpani',
'/m/011l1': 'Afghan hound',
'/m/011l78': 'Team',
'/m/011l9w': 'Lard',
'/m/011_lb': 'Vespa',
'/m/011lf0ff': 'Mardi Gras',
'/m/011lh': 'Azawakh',
'/m/011ljn': 'Velvet',
'/m/011lqk': 'Porter',
'/m/011lx': 'Acrylic paint',
'/m/011_my': 'Idiophone',
'/m/011q345l': 'Madrean Alligator Lizard',
d',
'/m/011q46kg': 'Container',
'/m/011s0': 'Advertising',
'/m/011v5tq3': 'Media player',
'/m/011vvm': 'Isthmus',
'/m/011x96': 'Groundhog day',
'/m/011xdj': 'Meringue',
'/m/011xn7': 'Laser diode',
'/m/011_xr': 'Azalea',
'/m/011xyw': 'Peanut butter and jelly sandwich',
ndwich',
'/m/011xz6': 'Acura',
'/m/011y23': 'Stained glass',
'/m/011yvr': 'Plantation',
'/m/011zhg': 'Citron sm',
'/m/012015': 'Stone tool',
'/m/012047': 'Narcissus',
'/m/01205h': 'Ferret',
'/m/012074': 'Magpie',
'/m/0120dh': 'Sea turtle',
'/m/0121d8': 'Historic house',
...

```

```
'/m/0121t1l': 'Electronic instrument',
'/m/0121ww': 'Leprechaun',
'/m/01224j': 'Hearth',
'/m/01224x': 'Sparkling wine',
'/m/01226z': 'Football',
'/m/0122b5': 'Newsprint',
'/m/01_2_2': 'Northrop t-38 talon',
'/m/0123gb': 'Egret',
'/m/01240d': 'Tuber',
'/m/01244y': 'Salting',
'/m/01245r': 'Raclette',
'/m/0124h9': 'Poinsettia',
'/m/0125ct': 'Vacuum flask',
'/m/0125ny': 'Lake district',
'/m/0125vz': 'Tears',
'/m/0125zxm': 'National sovereignty and
children's day',
'/m/01261z_4': 'Cliff jumping',
'/m/0126gc': 'Reindeer',
'/m/012757': 'Fluorescent lamp',
'/m/0127jv': 'Beardtongue',
'/m/0127_k': 'Spark plug',
'/m/0127n5': 'Mussel',
'/m/01280g': 'Wildlife',
'/m/01295w': 'Galliformes',
'/m/0129f4': 'Chemical compound',
'/m/0129nn': 'Rook',
'/m/012b4l': 'Projectile',
'/m/012blf': 'Icelandic sheepdog',
'/m/012c3y': 'Succotash',
'/m/012c4n': 'Cucurbita',
'/m/012c9l': 'Domestic short-haired ca
t',
'/m/012cc2': 'Russian blue',
'/m/012ckm': 'Bonfire',
'/m/012clv': 'Lepidopterist',
'/m/012crnhf': 'Sheep milk cheese',
'/m/012d_c': 'Blacksmith',
'/m/012f08': 'Motor vehicle',
'/m/012fqz': 'Ocarina',
'/m/012fyw': 'Air gun',
'/m/012gxj': 'Gazelle',
'/m/012h24': 'Comics',
'/m/012hvb': 'Corset',
'/m/01_2jf': 'Nettle family',
'/m/012jg5': 'Manx',
'/m/012jgm': 'Cymric',
'/m/012jh9': 'Scottish fold',
'/m/012jj1': 'Oceanic trench',
... ..
```

```
'/m/012k5z': 'Munchkin',
'/m/012k6q': 'Ocicat',
'/m/012kcmdn': 'Pyronia',
'/m/012lk9': 'Player piano',
'/m/012lnv': 'Himalayan',
'/m/012lr2': 'Devon rex',
'/m/012ltm': 'Birman',
'/m/012m_1nb': 'Poker primrose',
'/m/012m2gkh': 'Chequered skipper',
'/m/012m47': 'Chinese new year',
'/m/012mc7bq': 'Dr. Manhattan',
'/m/012mj': 'Alcoholic beverage',
'/m/012mpq': 'Gouda cheese',
'/m/012mq4': 'Sports car',
'/m/012mqx': 'Iceberg',
'/m/012ms7': 'Osprey',
'/m/012n4x': 'Firefighter',
'/m/012n7d': 'Ambulance',
'/m/012n91': 'Emergency service',
'/m/012nd2': 'Hospital ship',
'/m/012ndj': 'Fire apparatus',
'/m/012pld': 'Sex toy',
'/m/012q9c': 'Bodyguard',
'/m/012qcd': 'Swat',
'/m/012qdp': 'Military officer',
'/m/012q_x': 'Coast guard',
'/m/012qyb': 'Barber',
'/m/012r819z': 'Aphantopus',
'/m/012rq8': 'Treasure',
'/m/012rvq': 'Reconnaissance',
'/m/012s89': 'Ford pinto',
'/m/012sbd': 'Tournament',
'/m/012shk': 'Seabird',
'/m/012svh': 'Red envelope',
'/m/012tq3': 'Republic p-47 thunderbol
t',
'/m/012t_z': 'Businessperson',
'/m/012v4j': 'Hiking',
'/m/012v6r': 'Sikorsky sh-3 sea king',
'/m/012v8q': 'Bog',
'/m/012vt9': 'Flautist',
'/m/012vtp': 'Oboist',
'/m/012vv0': 'Violist',
'/m/012vzz': 'Plant pathology',
'/m/012w5l': 'Ladder',
'/m/012wds': 'Schutzhund',
'/m/012wfx': 'Camshaft',
'/m/012ww9': 'Archaeological site',
'/m/012wxt': 'Vj',
... ..
```

14. (2013) 31. (2013) 14.

14. 101.100.1.10 - 10.10.10.10

14 1014 11 15

1980-1981

14 (215) 11 137 1

14 1011 1071

14 1016 1 1 15 1 1

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'/m/016x4z': 'Fir',
'/m/016x87': 'Hawthorn',
'/m/016xr_': 'Shock absorber',
'/m/016xt7': 'Spoke',
'/m/016yfb': 'Shiitake',
'/m/016yx7': 'Gym',
'/m/016yz1': 'Gypsy moth',
'/m/016z4k': 'Singer-songwriter',
'/m/016znt': 'Public utility',
'/m/016zpp': 'Guava',
'/m/016zss': 'Advocacy',
'/m/0170gz': 'Nativity scene',
'/m/0172jz': 'Bobcat',
'/m/0172pk': 'Thuya',
'/m/0173cb': 'Martin Luther King Jr. Da
y',
'/m/0173tc': 'Chapel',
'/m/01748f': 'Balcony',
'/m/01748x': 'Gooseberry',
'/m/0174g1': 'Cushion',
'/m/0174k2': 'Washing machine',
'/m/0174m3': 'Dry cleaning',
'/m/0174n1': 'Glove',
'/m/0174nj': 'Vinyl record',
'/m/01752z': 'Guts',
'/m/0175cv': 'Tick',
'/m/01767_': 'Stocking',
'/m/0176mf': 'Belt',
'/m/017752': 'Toyota celica',
'/m/0177_d': 'Pouchong',
'/m/0177t1': 'Plaid',
'/m/017832': 'Shetland pony',
'/m/01784p': 'Christmas cracker',
'/m/01786t': 'Tricycle',
'/m/0178g': 'Boeing',
'/m/0178j3': 'Dvd player',
'/m/01_78k': 'Lockheed t-33',
'/m/0179ms': 'Akvavit',
'/m/0179pn': 'Gaffer tape',
'/m/0179ss': 'Airsoft',
'/m/017blf': 'Wheat beer',
'/m/017bm6': 'Lens flare',
'/m/017bml': 'CrÃ«me brÃ«lÃ«e',
'/m/017bqr': 'Duet',
'/m/017bsd': 'Mg cars',
'/m/017bst': 'Drosophila melanogaster',
'/m/017c3w': 'Bonsai',
'/m/017c7s': 'Proton',
'/m/017cc': 'Brain',
...

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$$\begin{array}{c} y' \\ ' / \\ ' / \\ ' / \\ ' / \\ ' / \\ e' \end{array}$$

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'/m/018gz8': 'Comedian',
'/m/018gzs': 'SÅ\x8dmen',
'/m/018_h5': 'Brigantine',
'/m/018hjb': 'Sport kite',
'/m/018hkd': 'Devilock',
'/m/018hm8': 'Five-pin bowling',
'/m/018_hn': 'Brig',
'/m/018hzk': 'Cooking show',
'/m/018j2': 'Banjo',
'/m/018jqx': 'Ski resort',
'/m/018jrr': 'Plan',
'/m/018jz': 'Baseball',
'/m/018kg': 'Baseball positions',
'/m/018ktp': 'Watercolor paint',
'/m/018kww': 'Teppanyaki',
'/m/018kx9': 'Takoyaki',
'/m/018l35': 'Pharmaceutical drug',
'/m/018lrm': 'Arena',
'/m/018m62': 'Clipboard',
'/m/018nds': 'Daikon',
'/m/018npg': 'Boeing 2707',
'/m/018p4k': 'Cart',
'/m/018rc1': 'Ground attack aircraft',
'/m/018rk9': 'Sand dollar',
'/m/018rl2': 'Airbus a380',
'/m/018rmf': 'Swamp maple',
'/m/018rn4': 'Choreography',
'/m/018rp_': 'Black oak',
'/m/018rqw': 'Wide-body aircraft',
'/m/018rtl': 'Optometry',
'/m/018sbr': 'Danish pastry',
'/m/018skx': 'Wild ginger',
'/m/018ssc': 'Groundcover',
'/m/018tkd': 'Service',
'/m/018tl7': 'Competition',
'/m/018tvc': 'Holly',
'/m/018vlf': 'Consolidated b-24 liberato
r',
'/m/018vnz': 'Corn flakes',
'/m/018vpr': 'Cliff',
'/m/018_vr': 'Jelly babies',
'/m/018vs6': 'Escarpment',
'/m/018vs': 'Bass guitar',
'/m/018w1s': 'Public library',
'/m/018w8': 'Basketball',
'/m/018wb3': 'Gamer',
'/m/018wtr': 'Flowering dogwood',
'/m/018wwb': 'Volkswagen golf',
'/m/018x5d': 'Trench',
... ..
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'/m/018xm': 'Ball',
'/m/018y5m': "Valentine's day",
'/m/018y_6': 'Inventory',
'/m/018yrv': 'Barrel racing',
'/m/018ywq': 'Scottish terrier',
'/m/018z4d': 'Bloodhound',
'/m/018z5l': 'Mikoyanâ\x80\x93gurevich m
ig-15',
'/m/018_z5': 'Meat pie',
'/m/018zf1': 'Greater flamingo',
'/m/018zg': 'Bastille day',
'/m/018_zj': 'Sausage roll',
'/m/018zp5': 'Fault',
'/m/018zrn': 'Relay race',
'/m/018zsg': 'Halva',
'/m/0190bf': 'Boeing e-6 mercury',
'/m/01_90z': 'Butterfly stroke',
'/m/01911n': 'Chassis',
'/m/0191_7': 'Retail',
'/m/01919d': 'Home cinema',
'/m/0191f8': 'Learning',
'/m/0191hp': 'Oil tanker',
'/m/019212': 'Loon',
'/m/01925l': "Perforate st john's wort",
'/m/0192g7': 'Barque',
'/m/0192gz': 'Viburnum',
'/m/0192j6': 'Nannyberry',
'/m/0192kg': 'Black gum',
'/m/0192l': 'Bagpipes',
'/m/01940j': 'Backpack',
'/m/01943w': 'Ibis',
'/m/0194d': 'Badminton',
'/m/0194pv': 'Ivy family',
'/m/0194v4': 'Singing sand',
'/m/0195fx': 'Metro',
'/m/0195rf': 'Vauxhall motors',
'/m/0195tx': 'Thrush',
'/m/019600': 'Spoonbill',
'/m/01960s': 'Deadpool',
'/m/0196s4': 'Landscape architect',
'/m/019780': 'Traffic circle',
'/m/0197mw': 'Blackbird',
'/m/0197qd': 'Triggerfish',
'/m/01987_': 'Home automation',
'/m/0198cs': 'Extreme ironing',
'/m/0199b0': 'Safari',
'/m/0199g': 'Bicycle',
'/m/019b80': 'Sweater',
'/m/019bfk': 'Drooling',
...

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'/m/019brn': 'Dreadlocks',
'/m/019c0x': 'Balafon',
'/m/019c3t': 'Wool classing',
'/m/019cfy': 'Stadium',
'/m/019cpb': 'Mikoyan mig-29',
'/m/019ctc': 'Galleon',
'/m/019ctw': 'Sunday roast',
'/m/019dx1': 'Home appliance',
'/m/019dxh': 'Rabbits and Hares',
'/m/019f1p': 'Zante currant',
'/m/019f38': 'Pigs in blankets',
'/m/019fpj': 'Diwali',
'/m/019frm': 'T-72',
'/m/019fs3': 'Sinkhole',
'/m/019fwx': 'Douglas dc-8',
'/m/019fyk': 'Raft',
'/m/019gvf': 'Fluvial landforms of strea
ms',
'/m/019h78': 'Centipede',
'/m/019jd': 'Boat',
'/m/019jmv': 'Messerschmitt bf 109',
'/m/019jw': 'Blood',
'/m/019jx0': 'First-rate',
'/m/019ktg': 'Dodge Viper',
'/m/019ldr': 'Spanakopita',
'/m/019lzv': 'Ballistic missile submarin
e',
'/m/019mbd': 'Antenna',
'/m/019mk7': 'Campfire',
'/m/019mn6': 'Egyptian vulture',
'/m/019nj4': 'Smile',
'/m/019_nn': 'Friendship',
'/m/019pbk': 'Hoverfly',
'/m/019pht': 'Mustard seed',
'/m/019plg': 'Shopping cart',
'/m/019qnn': 'Lotus elise',
'/m/019qw9': 'Convertible',
'/m/019rjn': 'Futsal',
'/m/019rwt': 'Irish whiskey',
'/m/019sc6': 'Lighting',
'/m/019sc': 'Black',
'/m/019swr': 'Knee',
'/m/019t3g': 'Hydrogen vehicle',
'/m/019t5_': 'Light cruiser',
'/m/019t6d': 'Animal fat',
'/m/019tql': 'Flagship',
'/m/019tzd': 'Mountain biking',
'/m/019tzt': 'Coffin',
'/m/019v72': 'Shakuhachi',
... ..
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'/m/01bsxb': 'Collage',
'/m/01bsyy': 'Deraillleur gears',
'/m/01btbt': 'Pecan',
'/m/01btfg': 'Flash',
'/m/01btn1': 'Yellow billed Magpie',
'/m/01btn': 'Barge',
'/m/01btp4': 'Black billed Magpie',
'/m/01btr0': 'Eurasian magpie',
'/m/01bvgh': 'Catamaran',
'/m/01bvtk': 'Crocodilia',
'/m/01bvx': 'Battle',
'/m/01bw2t': 'Lamborghini murci lago',
'/m/01bw9x': 'Electrician',
'/m/01bwb9': 'House sparrow',
'/m/01bwr': 'Botany',
'/m/01bx0g': 'Lamborghini diablo',
'/m/01bx84': 'Ring-necked pheasant',
'/m/01b_xd': 'Bumblebee',
'/m/01bz53': 'Kaffir lime',
'/m/01bz6q': 'Urtica',
'/m/01bzmc': 'Meatball',
'/m/01c004': 'Sand Martin',
'/m/01c08f': 'Rock dove',
'/m/01c09k': 'Stock dove',
'/m/01c0fs': 'Disposable camera',
'/m/01c0lb': 'Cynara',
'/m/01c_01': 'Ducks, geese and swans',
'/m/01c0z': 'Battery',
'/m/01c1g2': 'Red winged Blackbird',
'/m/01c1t2': 'Canyoning',
'/m/01c2f2': 'Ski binding',
'/m/01c2vn': 'Elderberry',
'/m/01c34b': 'Flooring',
'/m/01c35v': 'General practitioner',
'/m/01c3q': 'Bassoon',
'/m/01c3xv': 'Heavy cruiser',
'/m/01c421': 'Museum ship',
'/m/01c43w': 'Crane',
'/m/01c45y': 'Leavening agent',
'/m/01c46': 'Boeing b-52 stratofortres
s',
'/m/01c4ct': 'Northern Grey Shrike',
'/m/01c4dl': 'Ball bearing',
'/m/01c4kr': 'Crane-like bird',
'/m/01c4r0': 'Canning',
'/m/01c4rd': 'Beak',
'/m/01c4xg': 'Victory ship',
'/m/01c53d': 'Gerbil',
'/m/01c53w': 'Chinchilla',

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'/m/01c5nc': 'Waldorf salad',
'/m/01c5nlx': 'Toppings',
'/m/01c5w8': 'Great blue heron',
'/m/01c648': 'Laptop',
'/m/01c6nk': 'Warlord',
'/m/01c6xf': 'Drinking water',
'/m/01c6yl': 'Spire',
'/m/01c72': 'North american b-25 mitchel
1',
'/m/01c72t': 'Composer',
'/m/01c778': 'Slum',
'/m/01c791': 'Freezing',
'/m/01c7cq': 'Grassland',
'/m/01c7d3': 'Savanna',
'/m/01c7xk': 'Train conductor',
'/m/01c80k': 'Snow goose',
'/m/01c8br': 'Street',
'/m/01c8w0': 'Conductor',
'/m/01c979': 'Designer',
'/m/01c_9j': 'Quarry',
'/m/01cbb3': 'Beet',
'/m/01cbzq': 'Rock',
'/m/01cch6': 'Potato salad',
'/m/01cct5': 'Snipe',
'/m/01cd9': 'Brand',
'/m/01_cf6': 'Harvester',
'/m/01cfkh': 'Remora',
'/m/01cgz': 'Boxing',
'/m/01chb8': 'Nowruz',
'/m/01chy': 'Bowls',
'/m/01cj38': 'Northern Harrier',
'/m/01cjsf': 'Kite',
'/m/01ck7x': 'Budgie',
'/m/01ckgp': 'Interaction',
'/m/01cmb2': 'Miniskirt',
'/m/01cmcs': 'Hatchback',
'/m/01cmft': 'Spotting scope',
'/m/01cmm2': 'Monocular',
'/m/01cndb': 'Stationery',
'/m/01cnz': 'Birth control',
'/m/01cp1t': 'Douglas Aircraft Company',

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