

# BU101-*unfiltered*

## Unfiltered Image Action Dataset: 101 classes

### Dataset Statistics

The BU-101-*unfiltered* dataset is a crawled dataset of web action images. It is in one-to-one correspondence with the classes of the UCF101 video action dataset. These crawled images are not manually labeled; we refer to them as unfiltered images. We list the number of images in BU101-*unfiltered* in Table 1. The total number of images is  $\sim 204\text{K}$ , with an average number of 2017 images per class.

Action Class	# Images	Action Class	# Images	Action Class	# Images
ApplyEyeMakeup	1440	ApplyLipstick	1339	Archery	1566
BabyCrawling	2202	BalanceBeam	1420	BandMarching	2661
BaseballPitch	2451	Basketball	1980	BasketballDunk	1874
BenchPress	2375	Biking	2662	Billiards	2566
BlowDryHair	1897	BlowingCandles	2329	BodyWeightSquats	1464
Bowling	2484	BoxingPunchingBag	1233	BoxingSpeedBag	1274
BreastStroke	2524	BrushingTeeth	1298	CleanAndJerk	2429
CliffDiving	2475	CricketBowling	2362	CricketShot	1531
CuttingInKitchen	836	Diving	2583	Drumming	2650
Fencing	2643	FieldHockeyPenalty	872	FloorGymnastics	2533
FrisbeeCatch	2071	FrontCrawl	1714	GolfSwing	2527
Haircut	2491	HammerThrow	2443	Hammering	2565
HandstandPushups	2251	HandstandWalking	1625	HeadMassage	2252
HighJump	791	HorseRace	2478	HorseRiding	912
HulaHoop	2404	IceDancing	2463	JavelinThrow	2323
JugglingBalls	2510	JumpRope	2478	JumpingJack	2463
Kayaking	1674	Knitting	2611	LongJump	1470
Lunges	2297	MilitaryParade	1551	Mixing	2635
MoppingFloor	1535	Nunchucks	2328	ParallelBars	920
PizzaTossing	1987	PlayingCello	2297	PlayingDaf	1040
PlayingDhol	1657	PlayingFlute	2438	PlayingGuitar	2252
PlayingPiano	2293	PlayingSitar	1564	PlayingTabla	1715
PlayingViolin	2260	PoleVault	2519	PommelHorse	171
PullUps	2460	Punch	2501	PushUps	2500
Rafting	2604	RockClimbingIndoor	1701	RopeClimbing	2528
Rowing	2657	SalsaSpin	977	ShavingBeard	1976
Shotput	2384	SkateBoarding	2479	Skiing	2577
Skijet	1298	SkyDiving	2453	SoccerJuggling	1597
SoccerPenalty	1592	StillRings	2508	SumoWrestling	2354
Surfing	2402	Swing	1714	TableTennisShot	1373
TaiChi	2367	TennisSwing	1532	ThrowDiscus	1775
TrampolineJumping	2165	Typing	2391	UnevenBars	737
VolleyballSpiking	2373	WalkingWithDog	2484	WallPushups	1377
WritingOnBoard	1494	YoYo	2499		

Table 1: The number of images for each class in BU101-*unfiltered*. The total number of images is  $\sim 204\text{K}$ , and the average number of images per class is 2017.