

TASK 5 AWS + ML

Import - Supervisely Photos - mask.jfif app.supervisely/import

SUPERVISELY

Import ?

Enter the name of the new

BACK START IMPORT

Files check progress (3.32 KB / 3.32 KB): 100%

Upload progress (3.32 KB / 3.32 KB): 100%

/mask.jfif... 100%

Errors (0) Warnings (0) Files (1)

File	Status	Size
/mask.jfif	Success	3.32 KB

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Import - Supervisely Photos - person detection app.supervisely/import

SUPERVISELY

Import ?

person detection

BACK START IMPORT

Files check progress (157.21 KB / 157.21 KB): 100%

Upload progress (157.21 KB / 157.21 KB): 100%

/5951960966_d4e1cda5d0_z.jpg... 100%

Errors (0) Warnings (0) Files (1)

File	Status	Size
/5951960966_d4e1cda5d0_z.jpg	Success	157.21 KB

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The image displays two screenshots of the Supervise.ly platform interface, illustrating the process of training machine learning models for person detection and mask detection.

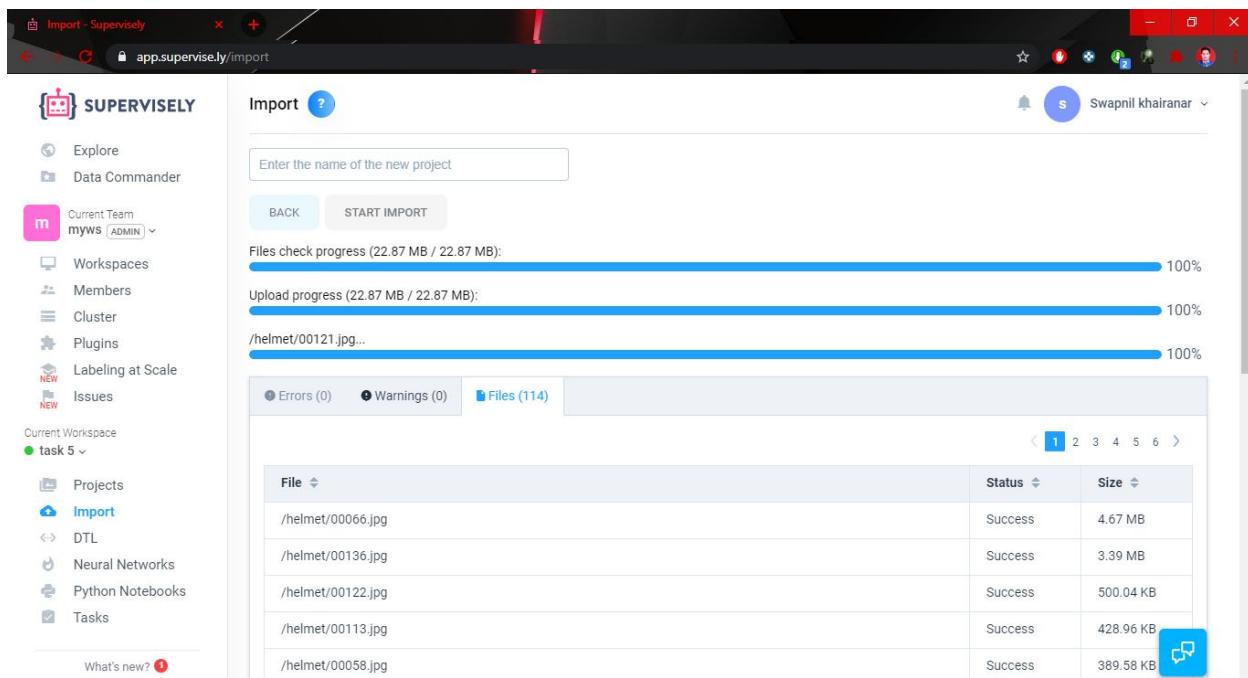
Top Screenshot: Person Detection

This screenshot shows a grayscale image of three people from behind. A yellow bounding box highlights the person on the left, indicating a successful detection. The interface includes a toolbar on the left, a main canvas area, and a sidebar on the right containing the "IMAGES" and "OBJECTS" tabs. The "IMAGES" tab lists the current image as "5951960966_d4e1cda5d0_z.jpg". The "OBJECTS" tab shows one object labeled "img (bitmap)".

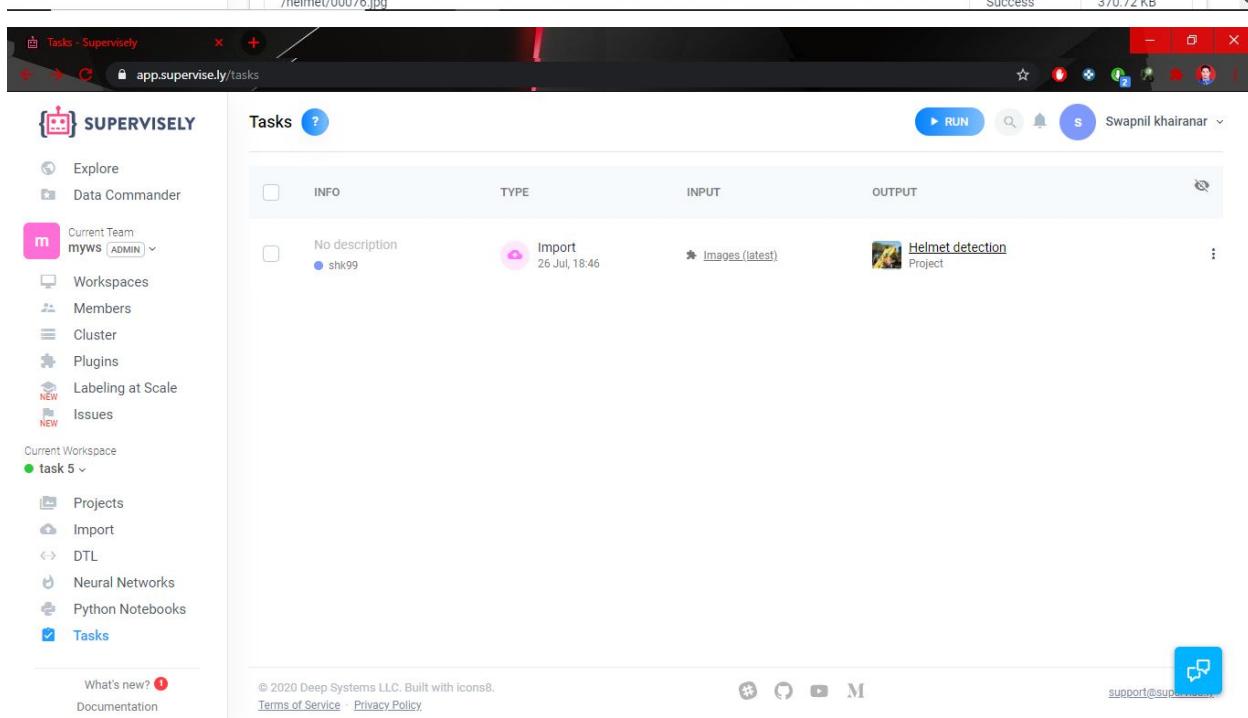
Bottom Screenshot: Mask Detection

This screenshot shows a close-up image of a green surgical mask. A green bounding box highlights the mask itself, indicating a successful detection. The interface is similar to the top one, with a toolbar, main canvas, and a sidebar showing the "IMAGES" tab with "download (2).jpg" and the "OBJECTS" tab showing one object labeled "mask (bitmap)".

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The screenshot shows the 'Import' page of the Supervisely web application. On the left, a sidebar navigation bar includes links for Explore, Data Commander, Workspaces, Members, Cluster, Plugins, Labeling at Scale, and Issues. The 'Import' link is highlighted. The main area has a title 'Import' with a question mark icon. A text input field says 'Enter the name of the new project'. Below it are 'BACK' and 'START IMPORT' buttons. Progress bars show 'Files check progress (22.87 MB / 22.87 MB)' at 100%, 'Upload progress (22.87 MB / 22.87 MB)' at 100%, and a specific file '/helmet/00121.jpg...' also at 100%. A table below lists 114 files, all marked as 'Success' with various sizes. A blue 'Share' icon is visible next to the table.



The screenshot shows the 'Tasks' page of the Supervisely web application. The sidebar is identical to the import page. The main area has a title 'Tasks' with a question mark icon. It features a table with columns for 'INFO', 'TYPE', 'INPUT', and 'OUTPUT'. One task is listed: 'No description' (Imported on 26 Jul, 18:46 by shk99), with 'Images (latest)' as the input and 'Helmet detection Project' as the output. A blue 'RUN' button is located above the table. At the bottom, there's a footer with copyright information and support contact details.

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The screenshot shows the Supervisely interface for a "Helmet detection" project. On the left sidebar, there's a navigation menu with options like Explore, Data Commander, Workspaces, Members, Cluster, Plugins, Labeling at Scale, and Issues. The main area displays a dataset titled "helmet" which contains 114 images. A preview image shows a worker wearing a yellow hard hat next to a yellow excavator. To the right of the dataset list is a search bar and a file upload icon.

Supervisely Platform Screenshot:

- Left Sidebar:** Includes "Explore", "Data Commander", "Workspaces", "Members", "Cluster", "Plugins", "Labeling at Scale", and "Issues".
- Main Area:** Shows a dataset named "helmet" with 114 images. A preview image shows a worker wearing a yellow hard hat.
- Top Bar:** Includes "Datasets", "Info", "Statistics", "Classes", "Tags", "Settings", a user profile for "Swapnil khairanar", and a search bar.
- Bottom Bar:** Includes "What's new?", "Documentation", and copyright information: "© 2020 Deep Systems LLC. Built with icons8. Terms of Service Privacy Policy".

The screenshot shows the image annotation interface for the "helmet" dataset. On the left is a toolbar with various drawing tools. The main canvas displays a photograph of a construction worker from behind, holding a camera, with a yellow hard hat highlighted by a red bounding box. The right side of the interface has a sidebar with sections for "IMAGES" (listing 114 files) and "OBJECTS" (listing 1 object: "helmet (bitmap)"). The "OBJECTS" section includes tabs for "Image Properties" and "Object Properties".

Annotation Interface Screenshot:

- Left Panel:** Includes a toolbar with drawing tools.
- Center:** Displays an image of a worker taking a photo, with a yellow hard hat highlighted by a red bounding box.
- Right Panel:**
 - IMAGES:** Lists 114 files: 00055.jpg, 00056.jpg, 00058.jpg, 00059.jpg, 00060.jpg.
 - OBJECTS:** Lists 1 object: "helmet (bitmap)".
 - Properties:** Includes "Image Properties" and "Object Properties" sections.

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Helmet detection - Datasets - Supervisely

app.supervise.ly/projects/89064/datasets

SUPERVISELY

Explore Data Commander

Current Team myws ADMIN

Workspaces Members Cluster Plugins Labeling at Scale Issues

Current Workspace task 5

Projects Import DTL Neural Networks Python Notebooks Tasks

What's new? Documentation https://app.supervise.ly/export/dtl

Helmet detection

Datasets Info Statistics Classes Tags Settings

Authors Sort Search by title

helmet

41 image id: 357175

Start annotation Rename Clone Create labeling job From scratch Create train set Train / Val tagging Download as Run DTL Download as Move to Trash

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DTL - Supervisely

https://raw.githubusercontent.com/

app.supervise.ly/export/dtl

SUPERVISELY

Explore Data Commander

Current Team myws ADMIN

Workspaces Members Cluster Plugins Labeling at Scale Issues

Current Workspace task 5

Projects Import DTL Neural Networks Python Notebooks Tasks

What's new? Documentation https://app.supervise.ly/export/dtl

DTL

Saved Configs Supervisely A... START

Code

```
47 },
48 {
49   "action": "noise",
50   "src": [
51     "$data"
52   ],
53   "dst": "$noise_result",
54   "settings": {
55     "mean": 10,
56     "std": 60
57   }
58 },
59 {
60   "action": "resize",
61   "src": [
62     "$data"
63   ],
64   "dst": "$resized_result2",
65   "settings": {
66     "width": 300,
67     "height": 1,
68     "aspect_ratio": {
69       "keep": true
70     }
71   }
72 }
```

Ln: 73 Col: 2

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support@supervise.ly

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The screenshot shows the Supervisely DTL (Data Transformation Language) interface. On the left, there's a sidebar with navigation links like Explore, Data Commander, Current Team (myws ADMIN), Workspaces, Members, Cluster, Plugins, Labeling at Scale, and Issues. Below that are sections for Current Workspace (task 5) and Projects, Import, DTL, Neural Networks, Python Notebooks, and Tasks.

The main area has tabs for 'task config' and 'Supervisely A...'. There's a 'START' button and a gear icon. The 'Code' tab is active, displaying the following JSON-like DTL code:

```
1 - [  
2 - {  
3 -   "dst": "$data",  
4 -   "src": [  
5 -     "helmet/helmet"  
6 -   ],  
7 -   "action": "data",  
8 -   "settings": {  
9 -     "classes_mapping": "default"  
10 -   }  
11 - },  
12 - {  
13 -   "dst": "$flip_vert",  
14 -   "src": [  
15 -     "$data"  
16 -   ],  
17 -   "action": "flip",  
18 -   "settings": {  
19 -     "axis": "vertical"  
20 -   }  
21 - },  
22 - {  
23 -   "dst": "Console Dataset_Aug",  
24 -   "src": [  
25 -     "$data",  
26 -     "$resized_result",  
27 -     "$resized_result?"  
],  
Ln: 5 Col: 21
```

To the right of the code editor is a flowchart diagram. It starts with a 'helmet/helmet' input node, which points to a 'data' node. From 'data', three paths branch out: 'resize' leads to 'Resized_result' and 'Resized_resultC'; 'noise' leads to 'Noise_result'; and 'flip' leads to 'Flip_vert'. All four result nodes ('Resized_result', 'Resized_resultC', 'Noise_result', and 'Flip_vert') converge to a 'Supervisely' node, which finally outputs 'Console Dataset_Aug'.

At the bottom, there are footer links for 'What's new?', 'Documentation', 'Terms of Service', 'Privacy Policy', and support contact information: support@supervisely.com.

The screenshot shows the Supervisely application interface. On the left, there's a sidebar with various icons and sections: 'Explore', 'Data Commander', 'Current Team' (myws, ADMIN), 'Workspaces', 'Members', 'Cluster', 'Plugins', 'Labeling at Scale', and 'Issues'. Below that is a 'Current Workspace' section with 'task 5' selected. At the bottom of the sidebar are links for 'Projects', 'Import', 'DTL', 'Neural Networks', 'Python Notebooks', and 'Tasks' (which is checked). The main area is titled 'Tasks' and shows two task entries:

INFO	TYPE	INPUT	OUTPUT
No description shk99	DTL 26 Jul, 19:39	helmet DTL_(latest)	DTL: helmet 19/41
No description shk99	Import 26 Jul, 18:46	Images_(latest)	helmet Project

At the top right, there are buttons for 'RUN', search, notifications, and user profile (Swapnil khairana). The footer includes links for 'What's new?', 'Documentation', and 'support@supervisely.com'.

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The screenshot shows the Supervisely application interface. On the left is a sidebar with navigation links: Explore, Data Commander, Workspaces, Members, Cluster, Plugins, Labeling at Scale, and Issues. Below this is a "Current Workspace" section for "task 5" containing links for Projects, Import, DTL, Neural Networks, Python Notebooks, and Tasks. At the bottom of the sidebar are "What's new?" and "Documentation" links.

The main content area displays a list of models from the "Model Zoo". Each model entry includes the name, description, speed metric, a timestamp, and an "ADD" button. A message at the top right indicates that a specific model has been added to the workspace.

- Supervisely / Model Zoo / Faster R-CNN ResNet101(COCO)
Speed (ms): 106, COCO mAP[*1]: 32
TF Object Detection
supervisely 4 months ago
- Supervisely / Model Zoo / Faster R-CNN NasNet(COCO)
Speed (ms): 1833; COCO mAP[*1]: 43
TF Object Detection
supervisely 4 months ago
- Supervisely / Model Zoo / Mask R-CNN (Keras + TF).(COCO)
Pretrained on COCO
Mask R-CNN (Keras + TF)
supervisely 4 months ago
- Supervisely / Model Zoo / ResNet18 (ImageNet)
Pretrained on ImageNet
ResNet classifier
supervisely 4 months ago
- Supervisely / Model Zoo / ICNet with BN
pretrained on Cityscapes
ICNet (pytorch)
supervisely 4 months ago
- Supervisely / Model Zoo / ICNet no BN
pretrained on Cityscapes
supervisely 4 months ago

This screenshot shows the "Neural networks" section of the Supervisely application. The sidebar is identical to the previous screenshot. The main area displays a table of neural network models. The columns are "TITLE", "STORAGE", and "ADDED BY". Each row shows a model name, its storage location (Supervisely), and the user who added it (shk99). Buttons for "TRAIN" and "TEST" are also present.

TITLE	STORAGE	ADDED BY
Mask R-CNN (Keras + TF) (COCO) Pretrained on COCO Mask R-CNN (Keras + TF) (latest)	Supervisely	shk99 a few seconds ago

At the bottom of the page, there are footer links for "Terms of Service" and "Privacy Policy".

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The screenshot shows the Supervisely interface with the URL app.supervise.ly/nodes/list. The left sidebar includes sections for Explore, Data Commander, Workspaces, Members, Cluster (selected), Plugins, Labeling at Scale, and Issues. The main area displays a table titled 'Cluster' with columns for TITLE, STATUS, and OWNER. It lists two entries: 'supervisely / Supervisely Agent' (Running, owner supervisely) and 'myws / Beautiful Yak' (Waiting, owner shk99). A 'List' tab is also present. The bottom of the screen shows footer links for Terms of Service and Privacy Policy.

The screenshot shows the Supervisely interface with the URL app.supervise.ly/projects/. The left sidebar is identical to the previous screenshot. The main area displays a table titled 'Projects' with columns for Types, Authors, and Sort. It lists two projects: 'helmet' (1 item, 19 hours ago, id: 89064) and 'Console Dataset_Aug' (1 item, 18 hours ago, id: 89066). A search bar and filter options are available at the top of the project list. The bottom of the screen shows footer links for Terms of Service and Privacy Policy.

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The screenshot shows the Supervisely web interface with a sidebar on the left containing navigation links like Explore, Data Commander, Workspaces, Members, Cluster, Plugins, Labeling at Scale, and Issues. The main area is titled "Cluster" and displays a section titled "Bring your own Agent". It includes a note about training neural networks on local machines, requirements for Linux OS, Docker, GPU, and NVIDIA-Docker, and a link to a step-by-step manual. A terminal window shows a command being run to start the agent. A message indicates it's waiting for a signal from the agent.

The screenshot shows a blog post by Eric Hammond on alestic.com. The post discusses the lack of a standard ssh username for EC2 instances across different AMIs. It provides a table comparing official AMI ssh usernames with legacy or community usernames for various operating systems.

OS/Distro	Official AMI ssh Username	Legacy / Community / Other AMI ssh Usernames
Amazon Linux	ec2-user	
Ubuntu	ubuntu	root
Debian	admin	root
RHEL 6.4 and later	ec2-user	
RHEL 6.3 and earlier	root	
Fedora	fedora	ec2-user, root
Centos	centos	root
SUSE	ec2-user	root
BitNami	bitnami	
TurnKey	root	
NanoStack	ubuntu	
FreeBSD	ec2-user	
OmniOS	root	

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The screenshot shows the AWS EC2 Launch Instance Wizard Step 1: Choose an Amazon Machine Image (AMI). The interface includes a sidebar with navigation links like New EC2 Experience, EC2 Dashboard, Instances, Images, and Elastic Block Store. The main content area displays a search bar for 'Deep learning' and a 'Quick Start (9)' section with filters for My AMIs (0), AWS Marketplace (130), and Community AMIs (232). Below this, there are three listed AMIs:

- Deep Learning AMI (Microsoft Windows Server 2016)** - ami-01c003e5c62d8fefee
Description: Microsoft Windows Server 2016 with Tensorflow, Caffe and MXNet. [English]
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select button (64-bit (x86))
- Deep Learning AMI (Ubuntu 18.04) Version 30.0** - ami-0dab6a5c47c3f3d9f
Description: MXNet-1.6.0, TensorFlow-2.2.0, 2.1.0 & 1.15.2, PyTorch-1.4.0 & 1.5.0, Neuron, & others. NVIDIA CUDA, cuDNN, NCCL, Intel MKL-DNN, Docker, NVIDIA-Docker & EFA support. For fully managed experience, check: <https://aws.amazon.com/sagemaker>
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select button (64-bit (x86))
- Deep Learning AMI (Ubuntu 16.04) Version 30.0** - ami-0bc5e898c4ed6ba72
Description: MXNet-1.6.0, TensorFlow-2.2.0, 2.1.0 & 1.15.2, PyTorch-1.4.0 & 1.5.0, EI, Neuron, & others. NVIDIA CUDA, cuDNN, NCCL, Intel MKL-DNN, Docker, NVIDIA-Docker & EFA. For fully managed experience, check: <https://aws.amazon.com/sagemaker>
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select button (64-bit (x86))

At the bottom, there are links for Feedback, English (US), Copyright notice (© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.), Privacy Policy, and Terms of Use.

TASK 5 AWS + ML

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by:	GPU Instances	Current generation	Show/Hide Columns					
Currently selected: g4dn.xlarge (- ECUs, 4 vCPUs, 2.5 GHz, Intel Xeon P-8259L, 16 GiB memory, EBS only)								
	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input checked="" type="checkbox"/>	GPU Instances	g4dn.xlarge	4	16	1 x 125 (SSD)	Yes	Up to 25 Gigabit	Yes
<input type="checkbox"/>	GPU instances	g4dn.2xlarge	8	32	1 x 225 (SSD)	Yes	Up to 25 Gigabit	Yes
<input type="checkbox"/>	GPU instances	g4dn.4xlarge	16	64	1 x 225 (SSD)	Yes	Up to 25 Gigabit	Yes
<input type="checkbox"/>	GPU instances	g4dn.8xlarge	32	128	1 x 900 (SSD)	Yes	50 Gigabit	Yes
<input type="checkbox"/>	GPU instances	g4dn.12xlarge	48	192	1 x 900 (SSD)	Yes	50 Gigabit	Yes
<input type="checkbox"/>	GPU instances	g4dn.16xlarge	64	256	1 x 900 (SSD)	Yes	50 Gigabit	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

Step 3: Configure Instance Details

Number of instances	<input type="text" value="1"/>	Launch into Auto Scaling Group
Purchasing option	<input type="checkbox"/> Request Spot instances	
Network	<input type="text" value="vpc-e28a978a (default)"/>	<input type="button" value="Create new VPC"/>
Subnet	<input type="text" value="No preference (default subnet in any Availability Zone)"/>	<input type="button" value="Create new subnet"/>
Auto-assign Public IP	<input type="checkbox"/> Use subnet setting (Enable)	
Placement group	<input type="checkbox"/> Add instance to placement group	
Capacity Reservation	<input type="text" value="Open"/>	<input type="button" value="Create new Capacity Reservation"/>
IAM role	<input type="text" value="None"/>	<input type="button" value="Create new IAM role"/>
CPU options	<input type="checkbox"/> Specify CPU options	
Shutdown behavior	<input type="text" value="Stop"/>	
Enable termination protection	<input type="checkbox"/> Protect against accidental termination	

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

TASK 5 AWS + ML

Launch instance wizard | EC2 Micro | Supervisely - Dashboard

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more about storage options in Amazon EC2](#).

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/sda1	snap-007e6b6847995cae	90	General Purpose SSD (gp2)	270 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted
ephemeral0	/dev/nvme0n1	N/A	125	NVMe SSD	N/A	N/A	N/A	Hardware Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more about free usage tier eligibility and usage restrictions.](#)

Feedback English (US)

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Launch instance wizard | EC2 Micro | Supervisely - Dashboard

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. [Learn more about tagging your Amazon EC2 resources.](#)

Key	(128 characters maximum)	Value	(256 characters maximum)	Instances	Volumes
Name		mlops task		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Add another tag (Up to 50 tags maximum)

Cancel Previous **Review and Launch** Next: Configure Security Group

Feedback English (US)

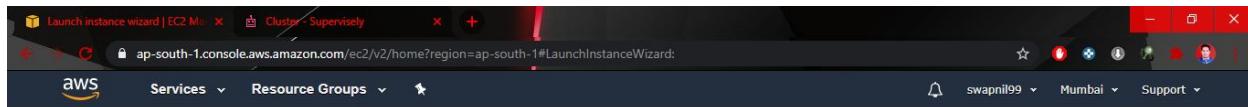
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The screenshot shows the AWS Launch Instance Wizard at Step 6: Configure Security Group. The page title is "Launch instance wizard | EC2 Min". The navigation bar includes "Services", "Resource Groups", and "Support". The steps are numbered 1 to 7, with 6 being the current step. A warning message at the top states: "A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups." Below this, there are two radio button options: "Create a new security group" (selected) and "Select an existing security group". The "Security group name" field contains "launch-wizard-9" and the "Description" field contains "launch-wizard-9 created 2020-07-28T12:55:46.054+05:30". A table allows adding rules for Type (SSH), Protocol (TCP), Port Range (22), Source (Custom 0.0.0.0/0), and Description (e.g. SSH for Admin Desktop). A warning box at the bottom states: "Warning: Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only."

The screenshot shows the Supervisely Cluster interface at "app.supervise.ly/nodes/list". The sidebar includes "Explore", "Data Commander", "Current Team myws ADMIN", "Workspaces", "Members", "Cluster" (selected), "Plugins", "Labeling at Scale", and "Issues". The main area shows a "Cluster" tab with "List" and "Tasks" buttons. A modal dialog titled "Bring your own Agent" is open, containing instructions: "Supervisely lets you train & apply neural networks to your datasets on your own machines. Your computer must meet the following requirements: Linux OS (Kernel 3.10), Docker (Version 18.0), GPU (CUDA 9.0), and NVIDIA-Docker (Version 2.0). Here are a few links to help: Step-by-step manual, Ready AMI, Video instruction. Run the following command in your host terminal to start Supervisely Agent: bash <(curl -fsSLg "https://app.supervise.ly/api/agent/9ARw91kILzP92tChStnYTp1rSWwPyTL?agentImage=supervisely/agent:latest")". It also says "Docker image will be pulled and run with root privileges on the host system". A status message "Waiting for a signal from the agent..." is shown. The footer includes "INSTRUCTIONS", "support@supervise.ly", and links to "Terms of Service" and "Privacy Policy".

TASK 5 AWS + ML



Launch Status

Your instances are now launching

The following instance launches have been initiated: [i-0f1b10a82a23a7fc6](#) View launch log

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can [connect](#) to them from the Instances screen. [Find out](#) how to connect to your instances.

Here are some helpful resources to get you started

- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)

A screenshot of the AWS EC2 Instances page. The title bar says "Instances | EC2 Management Con..." and "Cluster - Supervisely". The URL is "ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Instances:search=i-0f1b10a82a23a7fc6;sort=desc:tag:Name". The AWS logo is at the top left, and the user "swapnil99" is logged in from Mumbai. The left sidebar shows navigation options like "New EC2 Experience", "EC2 Dashboard", "Events", "Tags", "Limits", "Instances", "Images", and "Elastic Block Store". The main content area shows a table of instances. One row is selected, showing details for an instance named "mlops task" with Instance ID "i-0f1b10a82a23a7fc6", Instance Type "g4dn.xlarge", Availability Zone "ap-south-1c", Status "running", and Public DNS "ec2-3-7-58-27.ap-south-1.compute.amazonaws.com". Below the table, there's a detailed view for the selected instance, showing fields like "Description", "Status Checks", "Monitoring", and "Tags". The "Description" tab is active, showing the Instance ID, Instance state, and IPv4 Public IP (3.7.58.27). The "Status Checks" tab shows "Public DNS (IPv4)" and "IPv4 Public IP".

TASK 5 AWS + ML

Instances | EC2 Management Con X Cluster - Supervisely X

Services ▾ Resource Groups ▾

New EC2 Experience Tell us what you think

EC2 Dashboard New

Events New

Tags

Limits

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts New Capacity Reservations

Images AMIs

Elastic Block Store Volumes

Feedback English (US)

Cluster - Supervisely

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Instances:search=i-0f1b10a82a23a7fc6;sort=desc:tag:Name

Launch Instance Connect Actions

search : i-0f1b10a82a23a7fc6 Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IF)
mlops task	i-0f1b10a82a23a7fc6	g4dn.xlarge	ap-south-1c	running	Initializing	None	ec2-3-7-58-27.us-east-1.compute.amazonaws.com

Command Prompt

```
Microsoft Windows [Version 10.0.18363.418]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\SWAPNIL>cd Downloads

C:\Users\SWAPNIL\Downloads>ssh -i key123.pem -l ec2-user 3.7.58.27
The authenticity of host '3.7.58.27 (3.7.58.27)' can't be established.
ECDSA key fingerprint is SHA256:ii81ImrVrMVsXVG0rsuQ1XHoJ46ZvewezSKRgO6U.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '3.7.58.27' (ECDSA) to the list of known hosts.
Connection closed by 3.7.58.27 port 22

C:\Users\SWAPNIL\Downloads>
```

Instance: i-0f1b10a82a23a7fc6 Description

```
root@ip-172-31-18-185: ~
```

```
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage

System information as of Tue Jul 28 07:29:30 UTC 2020

System load: 1.29      Processes: 158
Usage of /: 73.5% of 87.18GB  Users logged in: 0
Memory usage: 2%
Swap usage: 0%          IP address for ens5: 172.31.18.185
                         IP address for docker0: 172.17.0.1

* "If you've been waiting for the perfect Kubernetes dev solution for
macOS, the wait is over. Learn how to install Microk8s on macOS."
https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/

92 packages can be updated.
58 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

ubuntu@ip-172-31-18-185:~$ sudo su - root
root@ip-172-31-18-185:~#
```

TASK 5 AWS + ML

The screenshot shows two consecutive views of the Supervisely platform's 'Run plugin' feature.

Top View (Run plugin configuration):

- Run on Agent:** Set to "Gorgeous Alpaca".
- Plugin:** Set to "Mask R-CNN (Keras + TF)".
- Task type:** Set to "Train".
- Input projects:** A project named "Console Dataset_Aug" is selected.
- Input models:** A model named "Mask R-CNN (Keras + TF) (COCO) Model" is selected.
- Result title:** The text "myhelmetmodel" is entered.

Bottom View (Configuration code):

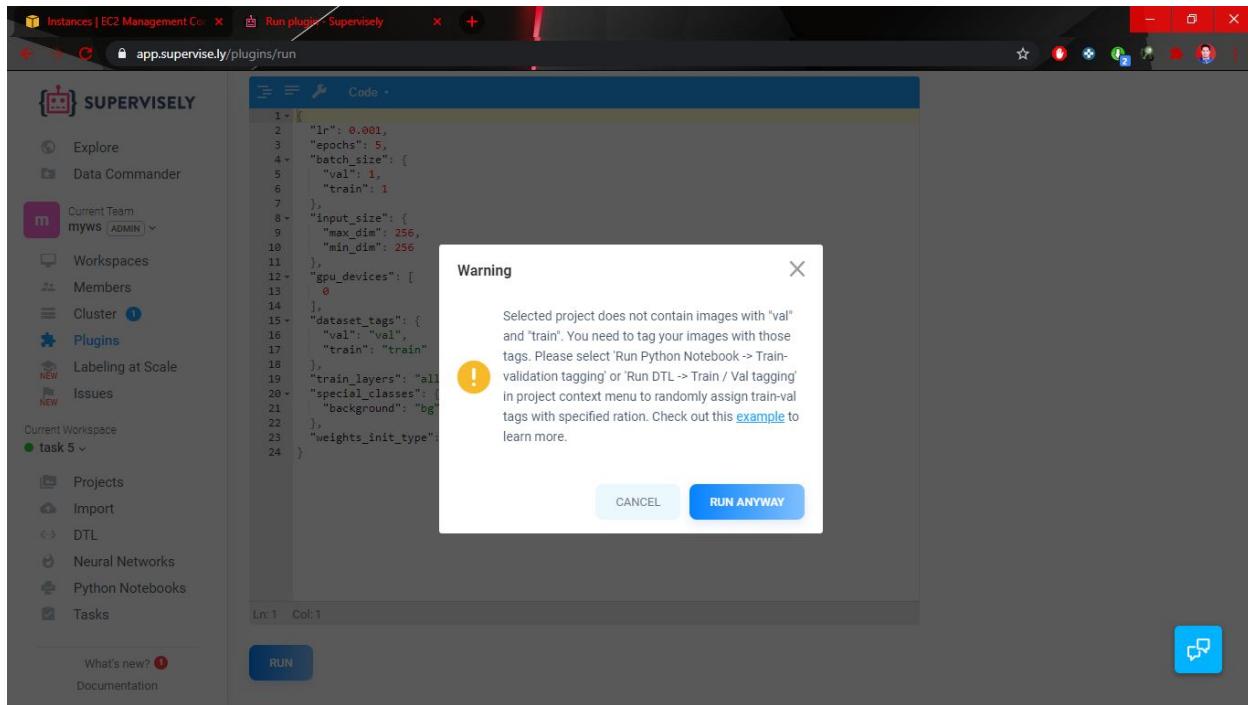
```
1 - [
2   "lr": 0.001,
3   "epochs": 5,
4   "batch_size": {
5     "val": 1,
6     "train": 1
7   },
8   "input_size": {
9     "max_dim": 256,
10    "min_dim": 256
11  },
12  "gpu_devices": [
13    0
14  ],
15  "dataset_tags": {
16    "val": "val",
17    "train": "train"
18  },
19  "train_layers": "all",
```

TASK 5 AWS + ML

The screenshot shows the Supervisely interface with a code editor containing the following Python configuration code:

```
1 - [
2   "lr": 0.001,
3   "epochs": 5,
4   "batch_size": [
5     "val": 1,
6     "train": 1
7   ],
8   "input_size": [
9     "max_dim": 256,
10    "min_dim": 256
11  ],
12  "gpu_devices": [
13    0
14  ],
15  "dataset_tags": [
16    "val": "val",
17    "train": "train"
18  ],
19  "train_layers": "all",
20  "special_classes": [
21    "background": "bg"
22  ],
23  "weights_init_type": "transfer_learning"
24 ]
```

The interface includes a sidebar with navigation links like Explore, Data Commander, and Plugins. A 'RUN' button is visible at the bottom of the code editor.



TASK 5 AWS + ML

```
ubuntu@ip-172-31-18-185:~  
AWS Deep Learning AMI Homepage: https://aws.amazon.com/machine-learning/amis/  
Developer Guide and Release Notes: https://docs.aws.amazon.com/dlami/latest/devguide/what-is-dlami.html  
Support: https://forums.aws.amazon.com/forum.jspa?forumID=263  
For a fully managed experience, check out Amazon SageMaker at https://aws.amazon.com/sagemaker  
When using INF1 type instances, please update regularly using the instructions at: https://github.com/aws/aws-neuron-sdk/tree/master/release-notes  
=====  
* Documentation: https://help.ubuntu.com  
* Management: https://landscape.canonical.com  
* Support: https://ubuntu.com/advantage  
  
System information as of Tue Jul 28 07:39:10 UTC 2020  
  
System load: 0.29 Processes: 145  
Usage of /: 79.0% of 87.18GB Users logged in: 1  
Memory usage: 5% IP address for ens5: 172.31.18.185  
Swap usage: 0% IP address for docker0: 172.17.0.1  
  
* "If you've been waiting for the perfect Kubernetes dev solution for  
macOS, the wait is over. Learn how to install Microk8s on macOS."  
  
https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/  
  
34 packages can be updated.  
0 updates are security updates.  
  
*** System restart required ***  
Last login: Tue Jul 28 07:32:09 2020 from 157.32.247.184  
ubuntu@ip-172-31-18-185:~$ docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
7be20f849537 supervisely/agent:latest "sh -c 'python -u /w..." 5 minutes ago Up 4 minutes  
nvtplrsWwPyTL  
ubuntu@ip-172-31-18-185:~$ docker images  
REPOSITORY TAG IMAGE ID CREATED SIZE  
supervisely/nn-mask-rcnn-keras-tf latest 2a2ba6f07bb 32 minutes ago 5.47GB  
supervisely/agent latest ce0c36c42f71 37 minutes ago 4.41GB  
ubuntu@ip-172-31-18-185:~$
```

```
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL/storage/images  
  
https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/  
  
34 packages can be updated.  
0 updates are security updates.  
  
*** System restart required ***  
Last login: Tue Jul 28 07:32:09 2020 from 157.32.247.184  
ubuntu@ip-172-31-18-185:~$ docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
7be20f849537 supervisely/agent:latest "sh -c 'python -u /w..." 5 minutes ago Up 4 minutes  
nvtplrsWwPyTL  
ubuntu@ip-172-31-18-185:~$ docker images  
REPOSITORY TAG IMAGE ID CREATED SIZE  
supervisely/nn-mask-rcnn-keras-tf latest 2a2ba6f07bb 32 minutes ago 5.47GB  
supervisely/agent latest ce0c36c42f71 37 minutes ago 4.41GB  
ubuntu@ip-172-31-18-185:~$ ls -a  
. .bash_history .cache .config .gnupg .local .sudo_as_admin_successful .xonshrc Nvidia_Cloud_EULA.pdf examples tutorials  
.. .bash_logout .conda .dl binaries .jupyter .profile .supervisely-agent .zshrc README src  
.aws .bashrc .condarc .dlmrc .keras .ssh .tcschr LICENSE anaconda3 tools  
ubuntu@ip-172-31-18-185:~$ cd ./supervisely-agent/  
9ARw91kILzP92tChStnYvTplrSwPyTL  
ubuntu@ip-172-31-18-185:~/supervisely-agent$ cd 9ARw91kILzP92tChStnYvTplrSwPyTL/  
ubuntu@ip-172-31-18-185:~/supervisely-agent$ ls  
logs storage tasks tmp  
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL$ cd storage/  
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL/storage$ ls  
images models  
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL/storage$ cd images/  
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL/storage/images$ ls  
00 04 06 10 18 1c 20 25 2b 31 35 3b 40 47 52 5c 60 66 70 79 80 89 8e 95 9c a2 a9 b2 bd c5 cf d6 de eb ef f5 fd  
01 05 0c 13 19 1d 21 28 2c 32 37 3c 41 4b 54 5d 61 67 73 7a 83 8a 8f 98 9d a4 ac b3 be cb d1 d7 e1 ec f0 f6 fe  
02 07 0d 14 1a 1e 22 29 2d 33 38 3d 42 4e 59 5e 62 6c 73 7c 85 8a 91 99 9f a5 ad b8 c3 cd d3 da e5 ed f3 f9 ff  
03 0a 0f 17 1b 1f 23 2a 2e 34 39 3e 46 50 5a 5f 64 6e 77 7f 87 8d 92 9a a6 a7 ae bb c4 ce d4 dd ea ee f4 fb  
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTplrSwPyTL/storage/images$
```

TASK 5 AWS + ML

The screenshot shows two views of the Supervisely platform:

Top View: Projects Page

- Left Sidebar:** Includes sections for Explore, Data Commander, Current Team (myws ADMIN), Workspaces, Members, Cluster, Plugins, Labeling at Scale (NEW), and Issues.
- Current Workspace:** Task 5.
- Projects Section:** Shows a list of projects with thumbnail images. One project titled "without tag ds" is selected, showing its details and a context menu. The menu includes options like Edit, Upload images, Share as link, Clone, Show workflow, From scratch, Download as, Create train set, Train / Val tagging, Run Python Script, Run DTL, Run Python Notebook, and Move to Trash.
- Bottom Right:** Includes a search bar, user profile, and a support link.

Bottom View: Tasks Page

- Left Sidebar:** Same as the top view.
- Tasks Section:** Displays a table of tasks with columns: INFO, TYPE, INPUT, and OUTPUT.

INFO	TYPE	INPUT	OUTPUT
No description shk99	DTL 28 Jul, 13:44	helmet DTL (latest)	DTL: helmet 21/41
No description shk99	Clone 26 Jul, 19:42	Mask R-CNN (Keras + TF) (COCO) Mask R-CNN (Keras + TF) (latest)	Mask R-CNN (Keras + TF) (COCO) Model
No description shk99	DTL 26 Jul, 19:39	helmet DTL (latest)	without tag ds Project
No description shk99	Import 26 Jul, 18:46	Images (latest)	helmet Project

- Bottom Right:** Includes a support link.

TASK 5 AWS + ML

SUPERVISELY

Tasks

	INFO	TYPE	INPUT	OUTPUT
<input type="checkbox"/>	No description shk99	DTL 28 Jul, 13:44	helmet DTL_(latest)	Console Dataset_Aug Project
<input type="checkbox"/>	No description shk99	Clone 26 Jul, 19:42	Mask R-CNN (Keras + TF) (COCO) Mask R-CNN (Keras + TF) (latest)	Mask R-CNN (Keras + TF) (COCO) Model
<input type="checkbox"/>	No description shk99	DTL 26 Jul, 19:39	helmet DTL_(latest)	without tag.ds Project
<input type="checkbox"/>	No description shk99	Import 26 Jul, 18:46	* Images_(latest)	helmet Project

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SUPERVISELY

Console Dataset_Aug

Datasets Info Statistics Classes Tags Settings

[DATASETS](#) [IMAGES](#) [IMAGE TAGS](#) [OBJECT TAGS](#) [OBJECTS](#) [OBJECTS AREA](#)

Images count		Size
helmet	205	42.00 MB
Total	205	42.00 MB

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<https://app.supervisely.com/projects/89259/stats/datasets>

[support@supervisely.com](#)

TASK 5 AWS + ML

Supervisely Statistics - Dataset Aug

helmet - Datasets - Supervisely

https://app.supervise.ly/projects/89259/stats/images

helmet		Total
● helmet	205 (100.00%)	205 (100.00%)
Partially / completely marked	205 (100.00%)	205 (100.00%)
Image not marked	0 (0.00%)	0 (0.00%)
Images in dataset	205	205

Supervisely Statistics - Dataset Aug

helmet - Datasets - Supervisely

https://app.supervise.ly/projects/89259/stats/images-tags

helmet		Total
● train	155 (75.61%)	155 (75.61%)
● test	50 (24.39%)	50 (24.39%)
Images not tagged	0 (0.00%)	0 (0.00%)
Images in dataset	205	205

TASK 5 AWS + ML

Screenshot of the Supervisely application interface showing the 'Tags' section for the 'Console Dataset_Aug' dataset.

Supervisely Sidebar:

- Explore
- Data Commander
- Current Team: myws (ADMIN)
- Workspaces
- Members
- Cluster
- Plugins
- Labeling at Scale (NEW)
- Issues (NEW)
- Current Workspace: task 5
- Projects
- Import
- DTL
- Neural Networks
- Python Notebooks
- Tasks
- What's new? (1)
- Documentation

URL: https://app.supervisely/projects/89259/tags/

Tags Section:

Title	Hotkey	Applicable To	Tag Value Type	Color
test		Images and objects	None	#8CE641
train		Images and objects	None	#4E92B7

SSH Terminal:

```

Select OpenSSH SSH client
Microsoft Windows [Version 10.0.18363.418]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\SWAPNIL>cd Downloads

C:\Users\SWAPNIL\Downloads>ssh -i key123.pem -l ubuntu 52.66.227.111
The authenticity of host '52.66.227.111 (52.66.227.111)' can't be established.
ECDSA key fingerprint is SHA256:cmpGwKLCaV5Ojo8AU1gQVAL/LSNMa04y/TuKwlng.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '52.66.227.111' (ECDSA) to the list of known hosts.

-----[REDACTED]-----
|_(_/_ )
| \_|_|
-----[REDACTED]

Welcome to Ubuntu 18.04.4 LTS (GNU/Linux 5.3.0-1023-aws x86_64)

Please use one of the following commands to start the required environment with the framework of your choice:
for MXNet(+Keras2) with Python3 (CUDA 10.1 and Intel MKL-DNN) _____ source activate mxnet_p36
for MXNet(+Keras2) with Python2 (CUDA 10.1 and Intel MKL-DNN) _____ source activate mxnet_p27
for MXNet(+AWS Neuron) with Python3 _____ source activate aws_neuron_mxnet_p36
for TensorFlow(+Keras2) with Python3 (CUDA 10.0 and Intel MKL-DNN) _____ source activate tensorflow_p36
for TensorFlow(+Keras2) with Python2 (CUDA 10.0 and Intel MKL-DNN) _____ source activate tensorflow_p27
for TensorFlow(+AWS Neuron) with Python3 _____ source activate aws_neuron_tensorflow_p36
for TensorFlow 2(+Keras2) with Python3 (CUDA 10.1 and Intel MKL-DNN) _____ source activate tensorflow2_p36
for TensorFlow 2(+Keras2) with Python2 (CUDA 10.1 and Intel MKL-DNN) _____ source activate tensorflow2_p27
for TensorFlow 2.2 with Python3.7 (CUDA 10.2 and Intel MKL-DNN) _____ source activate tensorflow2_latest_p37
for PyTorch 1.4 with Python3 (CUDA 10.1 and Intel MKL) _____ source activate pytorch_p36
for PyTorch 1.4 with Python2 (CUDA 10.1 and Intel MKL) _____ source activate pytorch_p27
for PyTorch 1.5 with Python3 (CUDA 10.1 and Intel MKL) _____ source activate pytorch_latest_p36
-----[REDACTED]-----
|_(_/_ )
| \_|_|
-----[REDACTED]

Welcome to Ubuntu 18.04.4 LTS (GNU/Linux 5.3.0-1023-aws x86_64)

Please use one of the following commands to start the required environment with the framework of your choice:
for MXNet(+Keras2) with Python3 (CUDA 10.1 and Intel MKL-DNN) _____ source activate mxnet_p36
for MXNet(+Keras2) with Python2 (CUDA 10.1 and Intel MKL-DNN) _____ source activate mxnet_p27
for MXNet(+AWS Neuron) with Python3 _____ source activate aws_neuron_mxnet_p36
for TensorFlow(+Keras2) with Python3 (CUDA 10.0 and Intel MKL-DNN) _____ source activate tensorflow_p36
for TensorFlow(+Keras2) with Python2 (CUDA 10.0 and Intel MKL-DNN) _____ source activate tensorflow_p27
for TensorFlow(+AWS Neuron) with Python3 _____ source activate aws_neuron_tensorflow_p36
-----[REDACTED]

```

TASK 5 AWS + ML

Cluster

TITLE	STATUS	OWNER
supervisely / Supervisely Agent	Running	supervisely
myws / Skinny Zebu	Running	shk99

Logs
Task ID: 202174 Download logs

```

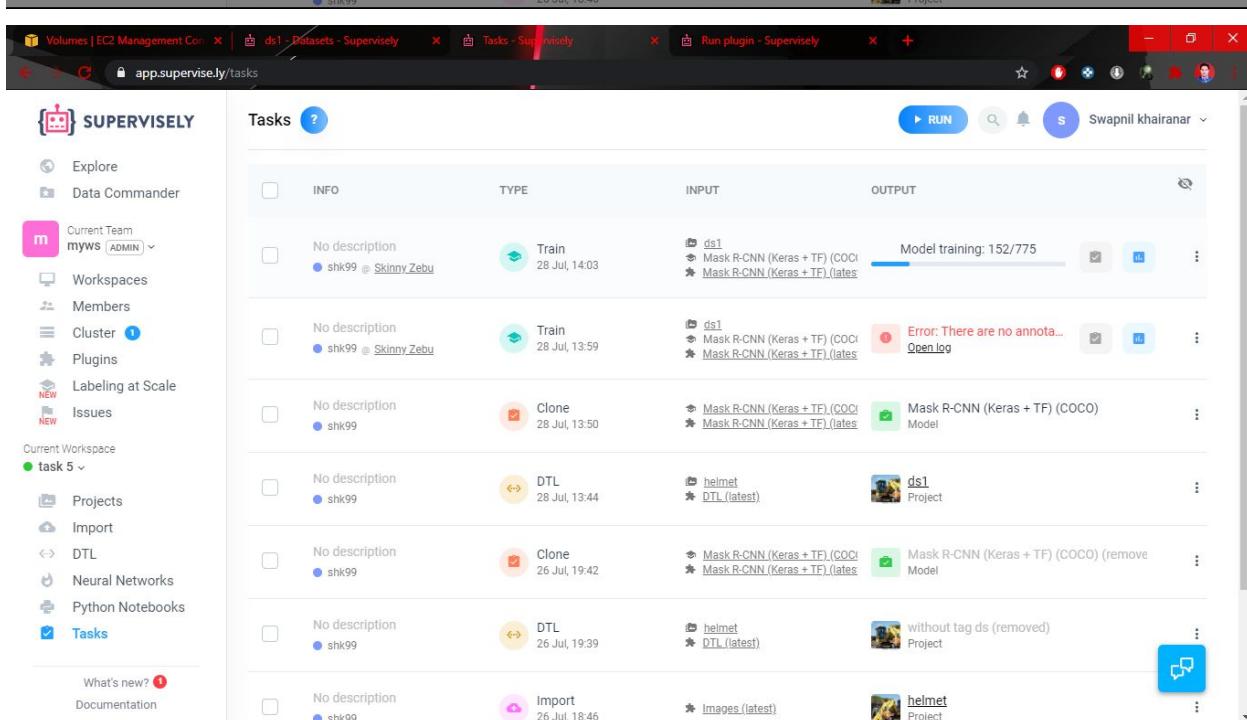
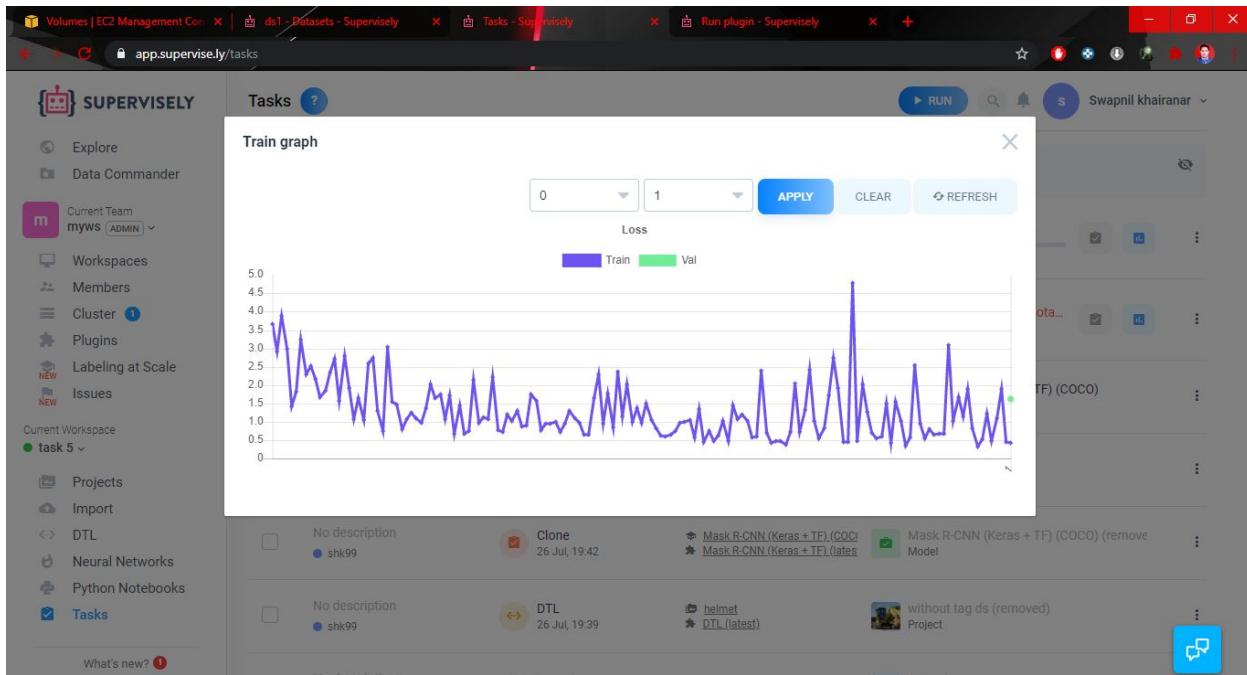
Info 2020.07.28 14:03:51 Full config config={"dataset_tags":{"train":"train","val":"val"},"batch_size":{"train":1,"val":1}, ...
Info 2020.07.28 14:03:51 Determined model out classes out_classes=[{"Name: helmet Shape: Bitmap Color: [29, 163, ...
Info 2020.07.28 14:03:51 Transfer learning mode, using a class mapping created from scratch.
Info 2020.07.28 14:03:51 Determined class mapping. class_mapping={"bg":0,"helmet":1}
Info 2020.07.28 14:03:51 Will collect samples (Image/annotation pairs).
Info 2020.07.28 14:03:51 Prepare dataset. dataset_purpose=train, dataset_tag=train, sample_cnt=155
Info 2020.07.28 14:03:55 Prepare dataset. dataset_purpose=val, dataset_tag=val, sample_cnt=50
Info 2020.07.28 14:03:56 cont_msg=2020-07-28 08:33:56.408400: I tensorflow/core/platform/cpu_feature_guard.cc:137] Your CPL
Info 2020.07.28 14:03:56 cont_msg=2020-07-28 08:33:56.599879: I tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:895] s
Info 2020.07.28 14:03:56 cont_msg=2020-07-28 08:33:56.600713: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1105] Four
Info 2020.07.28 14:03:56 cont_msg=name: Tesla T4 major: 7 minor: 5 memoryClockRate(GHz): 1.59
Info 2020.07.28 14:03:56 cont_msg=pcibusID: 0000:00:1e.0
Info 2020.07.28 14:03:56 cont_msg=totalMemory: 14.75GiB freeMemory: 14.65GiB
Info 2020.07.28 14:03:56 cont_msg=2020-07-28 08:33:56.600754: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1195] Crea
Info 2020.07.28 14:03:56 transfer_learning mode. Last layers were initialized randomly.
Info 2020.07.28 14:03:59 Model is ready to train.
Info 2020.07.28 14:03:59 cont_msg=name: Tesla T4 major: 7 minor: 5 memoryClockRate(GHz): 1.59
Info 2020.07.28 14:03:59 cont_msg=pcibusID: 0000:00:1e.0
Info 2020.07.28 14:03:59 cont_msg=totalMemory: 14.75GiB freeMemory: 14.65GiB
Info 2020.07.28 14:03:59 cont_msg=2020-07-28 08:33:56.600754: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1195] Crea
Info 2020.07.28 14:03:59 transfer_learning mode. Last layers were initialized randomly.
Info 2020.07.28 14:04:04 Model is ready to train.
Info 2020.07.28 14:04:04 cont_msg=/usr/local/lib/python3.6/site-packages/scipy/ndimage/interpolation.py:583: UserWarning: F
Info 2020.07.28 14:04:04 cont_msg= "the returned array has changed."
Info 2020.07.28 14:04:04 UserWarning: The behavior of the returned array has changed.
Info 2020.07.28 14:04:04
Info 2020.07.28 14:04:04 cont_msg= "Converting sparse IndexedSlices to a dense Tensor of unknown shape."
Info 2020.07.28 14:04:04

```

Tasks

No description	DTL	26 Jul, 19:39	helmet	without tag ds (removed)
No description	Import	26 Jul, 18:46	Images (latest)	helmet

TASK 5 AWS + ML



TASK 5 AWS + ML

Screenshot of the Supervisely application interface showing task logs and command prompt output.

Supervisely Application:

- Logs:** Task ID: 202174, Duration: 6m 40s. Download logs.
- Log entries (partial):


```
Info 2020.07.28 14:03:59 cont_msg=/usr/local/lib/python3.6/site-packages/scipy/ndimage/interpolation.py:583: UserWarning: F...
Info 2020.07.28 14:03:59 cont_msg= "the returned array has changed.", UserWarning)
Info 2020.07.28 14:03:59 cont_msg= rpn_conv_shared (Conv2D)
Info 2020.07.28 14:03:59 cont_msg= rpn_class_raw (Conv2D)
Info 2020.07.28 14:03:59 cont_msg= rpn_box_pred (Conv2D)
Info 2020.07.28 14:04:04 cont_msg=/usr/local/lib/python3.6/site-packages/tensorFlow/python/ops/gradients_impl.py:97: UserWarning: F...
Info 2020.07.28 14:04:04 cont_msg= "Converting sparse IndexedSlices to a dense Tensor of unknown shape."
It's been determined that current model is the best one for a while.
MODEL_SAVED model_id=459619, model_hash=A/h/n6/KQhGthRChKziofTLKrEElqN06sfe2314nk25XXkbPp3RCmAi
Info 2020.07.28 14:05:59 MODEL_SAVED model_id=459622, model_hash=B/E/GR/8garwNmDSN0Yrs9uayHX382CEhbA5s1uNx6xk4n1LpRrJUzUk
Info 2020.07.28 14:06:59 MODEL_SAVED model_id=459624, model_hash=p/i/Nn/qloR6FnJA2bYSg5o54RJiUICImDXSsgsCf3w6Vticiu50I
Info 2020.07.28 14:06:52 MODEL_SAVED model_id=459626, model_hash=K/G/1L//KCuh2S4gmAdCPU3j961BsxrmugxZaCbnKyYdnnYbHMLzR4
Info 2020.07.28 14:08:40 MODEL_SAVED model_id=459628, model_hash=M/M/k9/1BC063Ug97e4MIXf97UYyUzer76wrJr46cZkOqbietD0FSMgTAI
Info 2020.07.28 14:09:48 STEP_DONE step=MAIN
Info 2020.07.28 14:09:48 ARCHIVE_UPLOADED
Info 2020.07.28 14:10:13 NN_UPLOADED nn_id=459628, nn_hash=M/M/k9/1BC063Ug97e4MIXf97UYyUzer76wrJr46cZkOqbietD0FSMgTAI
Info 2020.07.28 14:10:13 STEP_DONE step=UPLOAD
Info 2020.07.28 14:10:13 TASK_END
Info 2020.07.28 14:10:13 WAIT_FOR_TASK_LOG
Info 2020.07.28 14:10:17 REMOVE_TASK_TEMP_DATA IF NECESSARY exit_status=<TaskTrain(TaskTrain-3, stopped daemon>), exit_code=0
Info 2020.07.28 14:10:17 TASK_REMOVED exit_status=<TaskTrain(TaskTrain-3, stopped daemon>), exit_code=0
```
- Current Workspace:** task 5
- Projects:** DTL, Import, Neural Networks, Python Notebooks
- Tasks:** 1 item (DTL)
- What's new?**
- Documentation:**

Command Prompt:

```
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Command Prompt"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Documentation: https://help.ubuntu.com"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Management: https://landscape.canonical.com"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Support: https://ubuntu.com/advantage"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "System information as of Tue Jul 28 08:39:30 UTC 2020"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "System load: 1.49 Processes: 159"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Usage of /: 82.9% of 87.18GB Users logged in: 1"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Memory usage: 21% IP address for ens5: 172.31.17.182"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "Swap usage: 0% IP address for docker0: 172.17.0.1"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "If you've been waiting for the perfect Kubernetes dev solution for
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "macOS, the wait is over. Learn how to install Microk8s on macOS."
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "progress", "ev": "https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "ARCHIVE_UPLOAD", "info": "34 packages can be updated.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "0 updates are security updates.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "NN_UPLOADED", "info": "VuiEQekI4rMFHqa6hBq.tar", "info": "*** System restart required ***
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "STEP_DONE", "info": "Last login: Tue Jul 28 08:25:37 2020 from 157.32.247.184
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "0:13.874Z", "info": "ubuntu@ip-172-31-17-182:~$ free -m
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "TASK_END", "info": "total used free shared buff/cache available
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "Mem: 15718 449 5628 0 9640 14958
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "Swap: 0 0 0
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "WAIT_FOR_TASK", "info": "-ubuntu@ip-172-31-17-182:~$ Connection to 52.66.227.111 closed by remote host.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "Connection to 52.66.227.111 closed.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "REMOVE_TASK_TE", "info": "Connection to 52.66.227.111 closed.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "exit_code: 0, service_type: C:\Users\SWAPNIL\Downloads>
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "TASK_REMOVED", "info": "Event type: TASK_REMOVED, task_id: 202174, exit_status: <TaskTrain(TaskTrain-3, stopped daemon>),
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "service_type: ServiceType.TASK, timestamp: "2020-07-28T08:40:17.166Z", level: "info"
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "Connection to 52.66.227.111 closed by remote host.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
("message": "INFO", "info": "Connection to 52.66.227.111 closed.
202174, "timestamp": "2020-07-28T08:40:11.361Z", "level": "info"
C:\Users\SWAPNIL\Documents>
```

TASK 5 AWS + ML

```
ps Command Prompt
System load: 0.29      Processes: 145
Usage of /: 79.9% of 87.18GB  Users logged in: 1
Memory usage: 5%          IP address for ens5: 172.31.18.185
Swap usage: 0%            IP address for docker0: 172.17.0.1

* "If you've been waiting for the perfect Kubernetes dev solution for
macOS, the wait is over. Learn how to install MicroK8s on macOS."
https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/

34 packages can be updated.
0 updates are security updates.

*** System restart required ***
Last login: Tue Jul 28 07:32:09 2020 from 157.32.247.184
ubuntu@ip-172-31-18-185:~$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS               NAMES
7be2e0f849537        supervisely/agent:latest   "sh -c 'python -u /w..."   5 minutes ago     Up 4 minutes          supervisely-agent-9ARw91kILzP92tChStnYvTpIrsSwPyTL

ubuntu@ip-172-31-18-185:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
supervisely/nn-mask-r-cnn-keras-tf    latest              2a2ba66f07bb    32 minutes ago   5.47GB
supervisely/agent      latest              ce0c36c42f71    37 minutes ago   4.41GB
ubuntu@ip-172-31-18-185:~$ ls -a
. .bash_history .cache .config .gnupg .local .sudo_as_admin_successful .xonshrc Nvidia_Cloud_EULA.pdf examples tutorials
.. .bash_logout .conda .dl_binaries .jupyter .profile .supervisely-agent .zshrc README src
.aws .bashrc .condarc .dlaamrc .keras .ssh .tcshtcshrc LICENSE anaconda3 tools
ubuntu@ip-172-31-18-185:~$ cd ./supervisely-agent/
ubuntu@ip-172-31-18-185:~/supervisely-agent$ ls
PARAn91kILzP92tChStnYvTpIrsSwPyTL
ubuntu@ip-172-31-18-185:~/supervisely-agent$ cd 9ARw91kILzP92tChStnYvTpIrsSwPyTL$ ls
imports logs storage tasks tmp
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTpIrsSwPyTL$ cd storage/
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTpIrsSwPyTL/storage$ ls
images models
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTpIrsSwPyTL/storage$ cd images/
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTpIrsSwPyTL/storage/images$ ls
00 04 0b 10 18 1c 20 25 2b 31 35 3b 40 47 52 5c 60 66 70 79 80 89 8e 95 9c a2 a9 b2 bd c5 cf d6 de eb ef f5 fd
01 05 0c 13 19 1d 21 28 2c 32 37 3c 41 4b 54 5d 61 67 71 7a 83 8a 8f 98 9d a4 ac b3 be cb d1 d7 e1 ec f0 f6 fe
02 07 0d 14 1a 1e 22 29 2d 33 38 3d 42 4e 59 56 62 6c 73 7c 85 8c 91 99 9f a5 ad b8 c3 cd d3 da e5 ed f3 f9 ff
03 0a 0f 17 1b 1f 23 2a 2e 34 39 3e 46 50 5a 5f 64 6e 77 7f 87 8d 92 9a a8 a7 ae bb c4 ce d4 dd ea ee f4 fb
ubuntu@ip-172-31-18-185:~/supervisely-agent/9ARw91kILzP92tChStnYvTpIrsSwPyTL/storage/images$ Connection reset by 3.7.58.27 port 22
```

```
ps Command Prompt
C:\Users\SWAPNIL\Downloads>ssh -i key123.pem -l ubuntu 3.7.58.27
=====
[|(-|-) Deep Learning AMI (Ubuntu 18.04) Version 30.0
=====

Welcome to Ubuntu 18.04 LTS (GNU/Linux 5.3.0-1023-aws x86_64)

Please use one of the following commands to start the required environment with the framework of your choice:
for MXNet(+Keras2) with Python3 (CUDA 10.1 and Intel MKL-DNN)           source activate mxnet_p36
for MXNet(+Keras2) with Python2 (CUDA 10.1 and Intel MKL-DNN)           source activate mxnet_p27
for MXNet(+AWS Neuron) with Python3                                         source activate aws_neuron_mxnet_p36
for TensorFlow(+Keras2) with Python3 (CUDA 10.0 and Intel MKL-DNN)         source activate tensorflow_p36
for TensorFlow(+Keras2) with Python2 (CUDA 10.0 and Intel MKL-DNN)         source activate tensorflow_p27
for TensorFlow(+AWS Neuron) with Python3                                     source activate aws_neuron_tensorflow_p36
for TensorFlow 2(+Keras2) with Python3 (CUDA 10.1 and Intel MKL-DNN)       source activate tensorflow2_p36
for TensorFlow 2(+Keras2) with Python2 (CUDA 10.1 and Intel MKL-DNN)       source activate tensorflow2_p27
for TensorFlow 2.0 with Python3.7 (CUDA 10.2 and Intel MKL-DNN)             source activate tensorflow2_latest_p37
for PyTorch 1.4 with Python3 (CUDA 10.1 and Intel MKL)                      source activate pytorch_p36
for PyTorch 1.4 with Python2 (CUDA 10.1 and Intel MKL)                      source activate pytorch_p27
for PyTorch 1.5 with Python3 (CUDA 10.1 and Intel MKL)                      source activate pytorch_latest_p36
for PyTorch (+AWS Neuron) with Python3                                       source activate aws_neuron_pytorch_p36
for Chainer with Python2 (CUDA 10.0 and Intel iDeep)                         source activate chainer_p27
for Chainer with Python3 (CUDA 10.0 and Intel iDeep)                         source activate chainer_p36
for base Python2 (CUDA 10.0)                                                 source activate python2
for base Python3 (CUDA 10.0)                                                 source activate python3

To automatically activate base conda environment upon login, run: 'conda config --set auto_activate_base true'
Official Conda User Guide: https://docs.conda.io/projects/conda/en/latest/user-guide/
AWS Deep Learning AMI Homepage: https://aws.amazon.com/machine-learning/amis/
96224669dddeb: Pull complete
0f4d214eb0c: Pull complete
c120a516f360: Pull complete
d7c214b8ea08: Pull complete
=====

* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage

System information as of Tue Jul 28 07:32:08 UTC 2020
System load: 1.73      Processes: 179
96224669dddeb: Extracting [=====] 152B/152B
```

TASK 5 AWS + ML

```
Command Prompt
System information as of Tue Jul 28 07:32:08 UTC 2020
System load: 1.73          Processes:      179
9622469dddeb: Extracting [=====] 152B/152B
Memory usage: 5%           IP address for ens5: 172.31.18.185
Swap usage:  0%           IP address for docker0: 172.17.0.1
* "If you've been waiting for the perfect Kubernetes dev solution for
macOS, the wait is over. Learn how to install Microk8s on macOS."
https://www.techrepublic.com/article/how-to-install-microk8s-on-macos/
53 packages can be updated.
19 updates are security updates.
d3c8319bd634: Extracting [=====] 168B/168B
*** System restart required ***
Last login: Tue Jul 28 07:29:31 2020 from 157.32.247.184
ubuntu@ip-172-31-18-185:~$ bash <(curl -fsSLg "https://app.supervisely/api/agent/9ARw91kILzP92tChStnYvTp1rSwWPyTL?agentImage=supervisely/agent:latest")
latest: Pulling from supervisely/agent
976a760c94fc: Pull complete
c589f92f3c37b: Pull complete
0cae5e7f12e: Pull complete
f2a274cc00ca: Pull complete
fe27bf33dbfa: Pull complete
371ddc2ca87b: Pull complete
f81888eb6932: Pull complete
19d9d9dd59d6: Pull complete
908dbb070c62: Pull complete
5e3262c6bd53: Pull complete
8163e8b1e1c1: Pull complete
d3c8319bd634: Pull complete
fbab6c35bbf4: Pull complete
e8ef7fe54899: Pull complete
a548e50fd52: Pull complete
d68e046289f2: Pull complete
d3ec2fe19270: Pull complete
04345467fa66: Pull complete
a2bfa02750cf: Pull complete
4f4fb700ef54: Pull complete
Digest: sha256:b0289eeaa991f10ab2438b670a4e9b7f2e36e8167f2f99258d9aa8d4354abd026
Status: Downloaded newer image for supervisely/agent:latest
docker.io/supervisely/agent:latest
Remove existing container if any...
448c303e4bcd: Pull complete
```

TASK 5 AWS + ML

```
cmd Command Prompt
d2e3fe19270: Pull complete
04345467fa60: Pull complete
a2bfba02750cf: Pull complete
4f47f00ef54: Pull complete
Digest: sha56:d0289ee991f10ab2438b670a4e9b7f2e36e8167f2f99258d9aa8d4354abd026
Status: Downloaded newer image for supervisely/agent:latest
docker.io/supervisely/agent:latest
Remove existing container if any...
448c303e4bcd: Pull complete
7be20f849537264f8cb1e0da3f2c4283e39402c823ab506d49d129edf3232045
=====
You can close this terminal safely now =====
{"message": "ENV variable PULL_ALWAYS is deprecated and will be ignored. Use PULL_POLICY instead with one of the following values: ['always', 'ifavailable', 'ifnotpresent', 'never']", "timestamp": "2020-07-28T07:34:31.161Z", "level": "warn"}=> [ 4.406MB/4.406MB
{"message": "ENV", "WITH_LOCAL_STORAGE": "true", "UPLOAD_RESULT_IMAGES": "true", "PULL_ALWAYS": "true", "DEFAULT_TIMEOUTS": "true", "DELETE_TASK_DIR_ON_FINISH": "true", "DELETE_TASK_DIR_ON_FAILURE": "false", "DOCKER_API_CALL_TIMEOUT": "60", "HTTP_PROXY": "", "HTTPS_PROXY": "", "PUBLIC_API_RETRY_LIMIT": 100, "CPU_PERIOD": null, "CPU_QUOTA": null, "MEM_LIMIT": null, "PULL_POLICY": "ifavailable", "AGENT_HOST_DIR": "/home/ubuntu/.supervisely-agent/9ARw91kILzP92tcHStNyTp1rSWWpYTL", "DOCKER_LOGIN": "", "DOCKER_PASSWORD": "hidden", "DOCKER_REGISTRY": "", "timestamp": "2020-07-28T07:34:31.161Z", "level": "info"}
{"message": "Agent comes back...", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.169Z", "level": "info"}=> d552: Download complete
{"message": "There are no missed containers.", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.171Z", "level": "info"}=> fe19270: Download complete
{"message": "Searching for missed containers...", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.172Z", "level": "info"}=> 50cf: Download complete
{"message": "There are no missed containers.", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.174Z", "level": "info"}=> 
{"message": "Agent is ready to get tasks.", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.184Z", "level": "info"}=> 
{"message": "Agent connected to server.", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.733Z", "level": "info"}=> 
{"message": "TELEMETRY REPORTER_INITIALIZED", "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:34:31.748Z", "level": "info"}=> 
{"message": "GET_NEW_TASK", "received_task_id": 202129, "service_type": "ServiceType.AGENT", "event_type": "Eventtype.LOGJ", "timestamp": "2020-07-28T07:38:33.419Z", "level": "info"}=> 
{"message": "TASK_START", "event_type": "EventType.TASK_STARTED", "service_type": "ServiceType.TASK", "task_id": 202129, "timestamp": "2020-07-28T07:38:33.949Z", "level": "info"}=> 
{"message": "TASK_MSG", "config": {"lr": 0.001, "epochs": 5, "batch_size": {"val": 1, "train": 1}, "input_size": {"max_dim": 256, "min_dim": 256}, "gpu_devices": [0], "dataset_tags": {"val": "val", "train": "train", "train_layers": "all", "special_classes": {"background": "bg"}, "weights_init_type": "transfer_learning"}, "projects": [{"id": 89066, "title": "Console Dataset_Aug", "type": "images", "datasets": [{"id": 357177, "title": "helmet"}]}, "docker_image": "supervisely/nn-mask-rcnn-keras-tf1:atest", "new_title": "myhelmetmodel", "models": [{"id": 51505, "modelId": 21275, "hash": "9/C/01/5XXARLftldpJXyKcwBMMXSY2zwPYTK4p0tIGr3hwR9XOdzK59Ky0xfCkPWRoKDsj0oxt1jBY0esf0l0l1THMgqv0W42ZHPl0Fxc68ocdRtituueSuypHRS2CFP.tar", "title": "Mask R-CNN (Keras + TF) (COCO)"}, {"architectureId": 84497, "task_id": 202129, "task_type": "train", "instance_type": "community", "agent_info": {"hardware_info": {"psutil": {"cpu": {"count": {"logical_cores": 4, "physical_cores": 2}}}, "memory_B": {"physical": 16481816576, "swap": 0}}, "platform": {"uname": {"system": "Linux", "node": "be20f849537", "release": "5.3.0-1023-aws", "version": "#25-18.04.1-Ubuntu SMP Fri Jun 5 15:18:30 UTC 2020"}, "machine": "x86_64", "processor": "x86_64"}, "cpuinfo": {"models": ["Intel(R) Xeon(R) Platinum 8259CL CPU @ 2.50GHz"], "count": {"logical_cores": 4, "physical_cores": 1}}, "meminfo": {"memory_B": {"GPU": 16481816576, "swap": 0}, "nvidia-smi": {"GPU": 0: Tesla T4 (UUID: GPU-90d8c4ba-bdbe-ca37-518b-926e660ca17)}, "agent_image": "supervisely/agent:latest", "agent_version": "agent:6.0.22\n", "agent_image_digest": "sha256:b0289ee991f10ab2438b670a4e9b7f2e36e8167f2f99258d9aa8d435454"}]}], "level": "info"}=> 
cmd Command Prompt
ayers": "all"), "timestamp": "2020-07-28T07:44:23.122Z", "event_type": "EventType.LOGJ", "service_type": "ServiceType.TASK", "task_id": 202130, "level": "info"}=> 
{"message": "Determined model out classes", "out_classes": [{"Name": "helmet", "Shape": Bitmap, "Color": [29, 163, 176], "Geom. settings": {}, "Name": "bg", "Shape": Bitmap, "Color": [34, 34, 34], "Geom. settings": {}}, {"timestamp": "2020-07-28T07:44:23.124Z", "event_type": "EventType.LOGJ", "service_type": "ServiceType.TASK", "task_id": 202130, "level": "info"}=> 
{"message": "Transfer learning mode, using a class mapping created from scratch.", "timestamp": "2020-07-28T07:44:23.125Z", "event_type": "EventType.LOGJ", "service_type": "ServiceType.TASK", "task_id": 202130, "level": "info"}=> 
{"message": "Determined class mapping.", "class_mapping": {"bg": 0, "helmet": 1}, "timestamp": "2020-07-28T07:44:23.125Z", "event_type": "EventType.LOGJ", "service_type": "ServiceType.TASK", "task_id": 202130, "level": "info"}=> 
{"message": "Will collect samples (image/annotation pairs).", "timestamp": "2020-07-28T07:44:23.125Z", "event_type": "EventType.LOGJ", "service_type": "ServiceType.TASK", "task_id": 202130, "level": "info"}=> 
{"message": "Unexpected exception in main.", "main_name": "MASK_RCNN_MATTERPORT_TRAIN", "event_type": "EventType.TASK_CRASHED", "exc_str": "There are no annotations with tag 'train'", "timestamp": "2020-07-28T07:44:23.152Z", "stack": ["[Traceback (most recent call last):", "File \"/workdir/supervisely/lib/function_wrapper.py\", line 14, in main_wrapper", "main_func(*args, **kwargs)", "File \"/workdir/src/train.py\", line 132, in main,", "x = MaskRCNNTrainer() # load model & prepare all", "File \"/workdir/src/train.py\", line 50, in __init__", "super().__init__(default_config=MaskRCNNTrainer.get_default_config())", "File \"/workdir/supervisely-lib/nn/hosted/trainer.py\", line 84, in __init__", "self._construct_data_loaders()", "File \"/workdir/src/train.py\", line 111, in _construct_data_loaders", "supervisely.lib.nn.dataset.ensure_samples_nonempty(samples_lst, the_tag, self.project.meta)", "File \"/workdir/supervisely/lib/nn/dataset.py\", line 44, in ensure_samples_nonempty", "raise RuntimeError('There are no annotations with tag \"{}\".format(tag_name))', RuntimeError: There are no annotations with tag 'train''"], "service_type": "ServiceType.TASK", "task_id": 202130, "level": "fatal"}=> 
{"message": "TASK_END", "event_type": "EventType.TASK_CRASHED", "exc_str": "Task container finished with non-zero status: ({'Error': None, 'StatusCode': 1})", "service_type": "ServiceType.TASK", "task_id": 202130, "timestamp": "2020-07-28T07:44:23.727Z", "level": "fatal", "stack": ["[Traceback (most recent call last):", "File \"/workdir/worker/task_logged.py\", line 128, in run", "self.run and wait(self.task_main_func)", "File \"/workdir/src/worker/task_logged.py\", line 157, in run_and_wait", "return future.result()", "File \"/usr/local/lib/python3.6/concurrent/futures/_base.py\", line 425, in result", "return self._get_result()", "File \"/usr/local/lib/python3.6/concurrent/futures/threaded.py\", line 56, in run", "result = self.fn(*self.args, **self.kwargs)", "File \"/workdir/src/worker/task_dockerized.py\", line 80, in task_main_func", "curr_method()", "File \"/workdir/src/worker/task_dockerized.py\", line 109, in main_step", "self.drop_container_and_check_status()", "File \"/workdir/src/worker/task_dockerized.py\", line 256, in drop_container_and_check_status", "raise RuntimeError('Task container finished with non-zero status: {}'.format(str(status)))", "RuntimeError: Task container finished with non-zero status: [{Error: None, StatusCode: 1}]]", "service_type": "ServiceType.TASK", "event_type": "EventType.LOGJ", "task_id": 202130, "timestamp": "2020-07-28T07:44:23.728Z", "level": "info"}=> 
{"message": "REMOVE_TASK_TEMP_DATA IF NECESSARY", "event_type": "EventType.TASK_REMOVED", "task_id": 202130, "exit_status": "<TaskTrain(TaskTrain-3, stopped[1] daemon>", "exit_code": 1, "service_type": "ServiceType.TASK", "timestamp": "2020-07-28T07:44:26.313Z", "level": "info"}=> 
{"message": "TASK_REMOVED", "event_type": "EventType.TASK_REMOVED", "task_id": 202130, "exit_status": "<TaskTrain(TaskTrain-3, stopped[1] daemon>", "exit_code": 1, "service_type": "ServiceType.TASK", "timestamp": "2020-07-28T07:44:26.314Z", "level": "info"}=> 
Connection to 3.7.58.27 closed.
```