

라벨링 Tool CVAT 소개

MS AI 스쿨

Infinyx



라벨링 Tool 소개



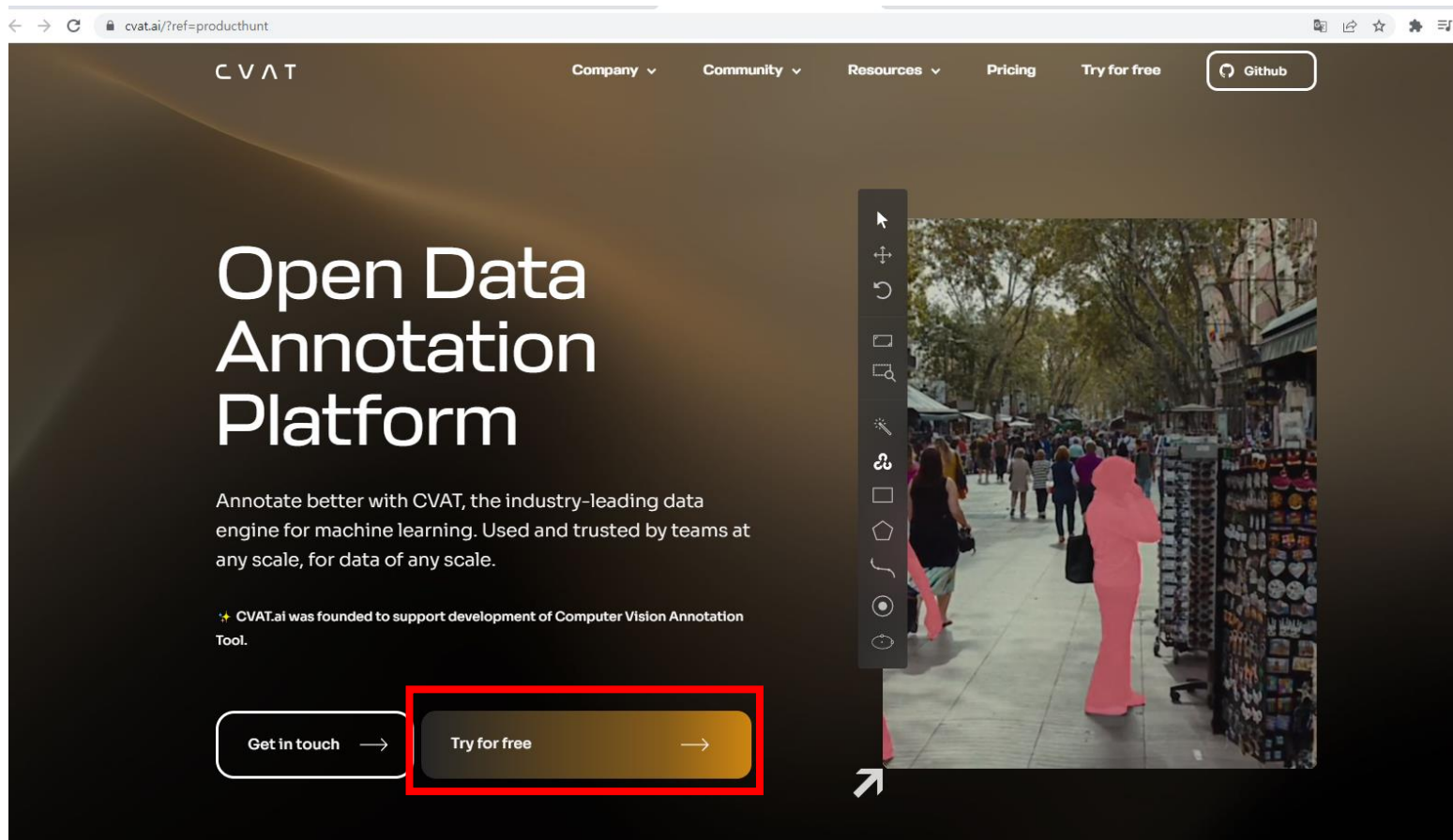
CVAT는 컴퓨터 비전을 위한 대화형 비디오 및 이미지 주석 도구이다.

<https://github.com/opencv/cvat>

<https://github.com/opencv/cvat#prebuilt-docker-images->

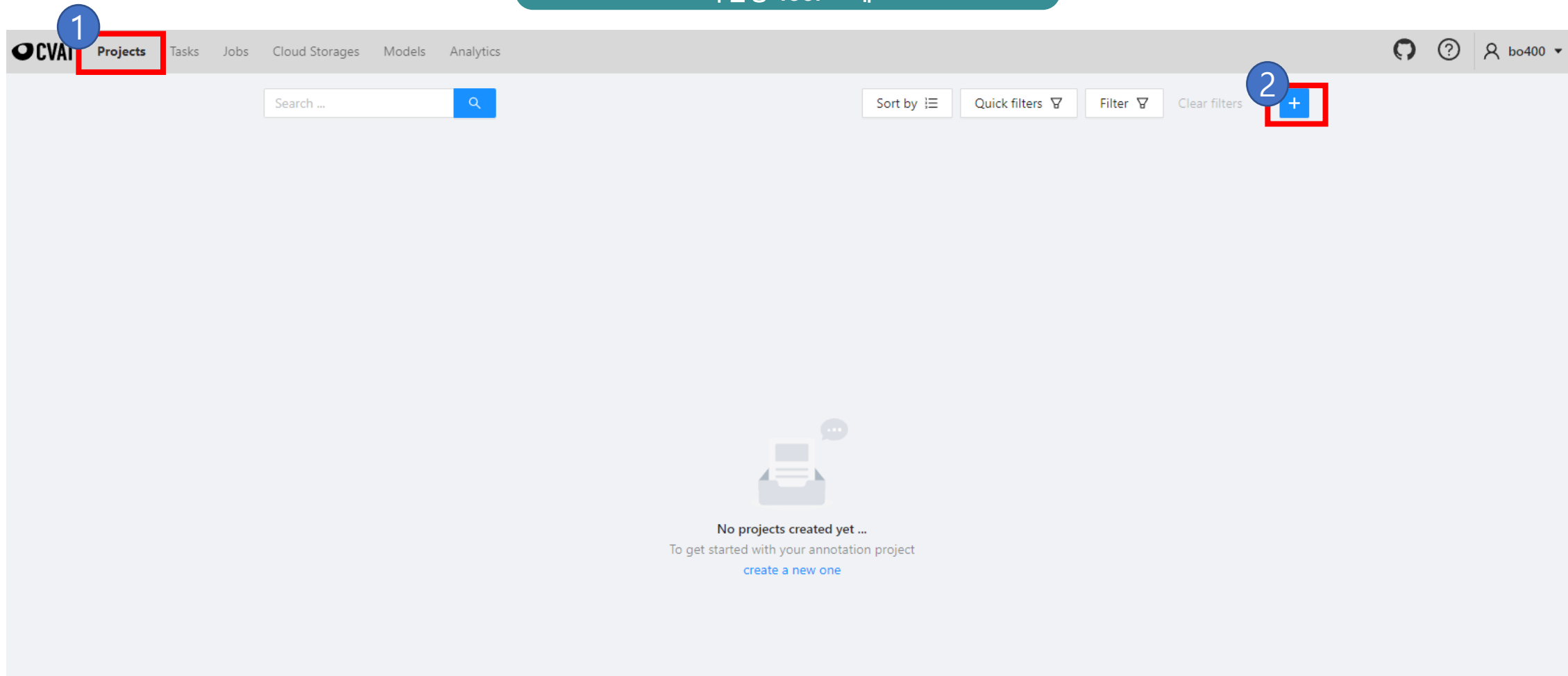
라벨링 Tool 소개

<https://www.cvat.ai/?ref=producthunt>



1. Try for free 클릭
2. 로그인

라벨링 Tool 소개



1. 프로젝트 클릭 하기
2. 플러스 버튼 클릭 하기 -> Create a new project 클릭 하기

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Create a new project

The screenshot shows the 'Create a new project' form in CVAT. It includes a text input for the project name, a section for selecting labels with 'Raw' and 'Constructor' tabs, and buttons for 'Add label' and 'Setup skeleton'. At the bottom, there are two blue buttons: 'Submit & Open' and 'Submit & Continue'. Numbered annotations are placed as follows: 1. Next to the project name input field. 2. Next to the 'Labels:' section. 3. Above the 'Submit & Continue' button.

1 * Name

2 Labels:

Raw Constructor

Add label (+) Setup skeleton (+)

> Advanced configuration

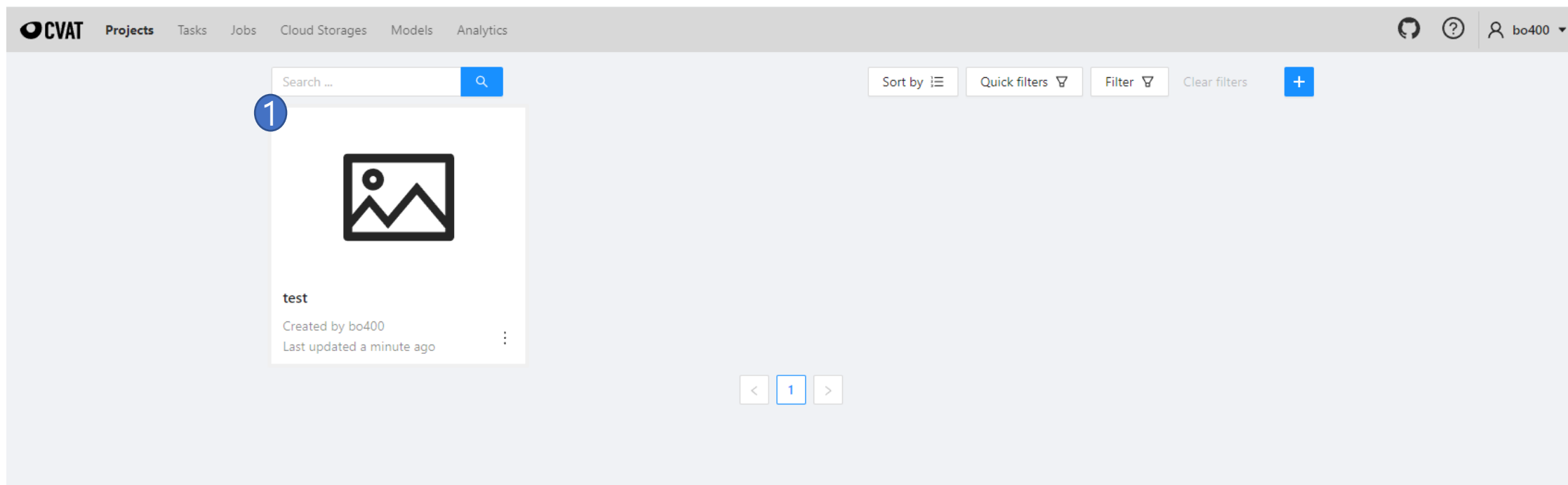
Submit & Open Submit & Continue

1. 프로젝트 이름 지정
2. 라벨 지정
>> add label 선택하여 라벨 입력 후 Continue 선택
3. 라벨 지정 까지 완료 후 Submit & Continue 선택

상단 메뉴에서 Projects 버튼 클릭

라벨링 Tool 소개

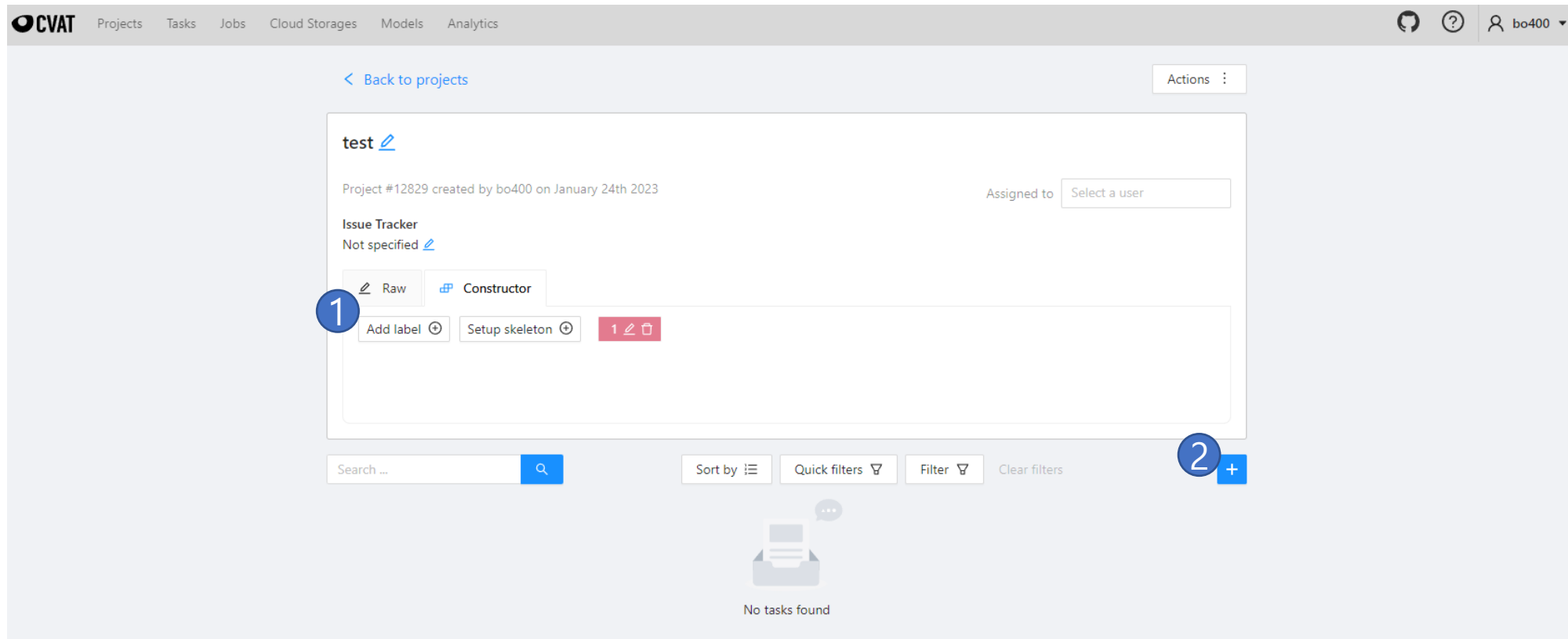
Projects 메뉴 화면



1. 해당하는 Tasks 생성된 모습 해당 Tasks 클릭

라벨링 Tool 소개

해당 Tasks으로 들어온 모습



1. 라벨을 추가하고 싶은 경우 여기서도 추가가능
2. 플러스 버튼을 클릭하면 Create a new task 생성 버튼 클릭

라벨링 Tool 소개

Create a new task

1 Basic configuration

* Name

Project

test

Subset

Input subset

Labels

Project labels will be used

* Select files

My computer Connected file share Remote sources Cloud Storage

2

Click or drag files to this area

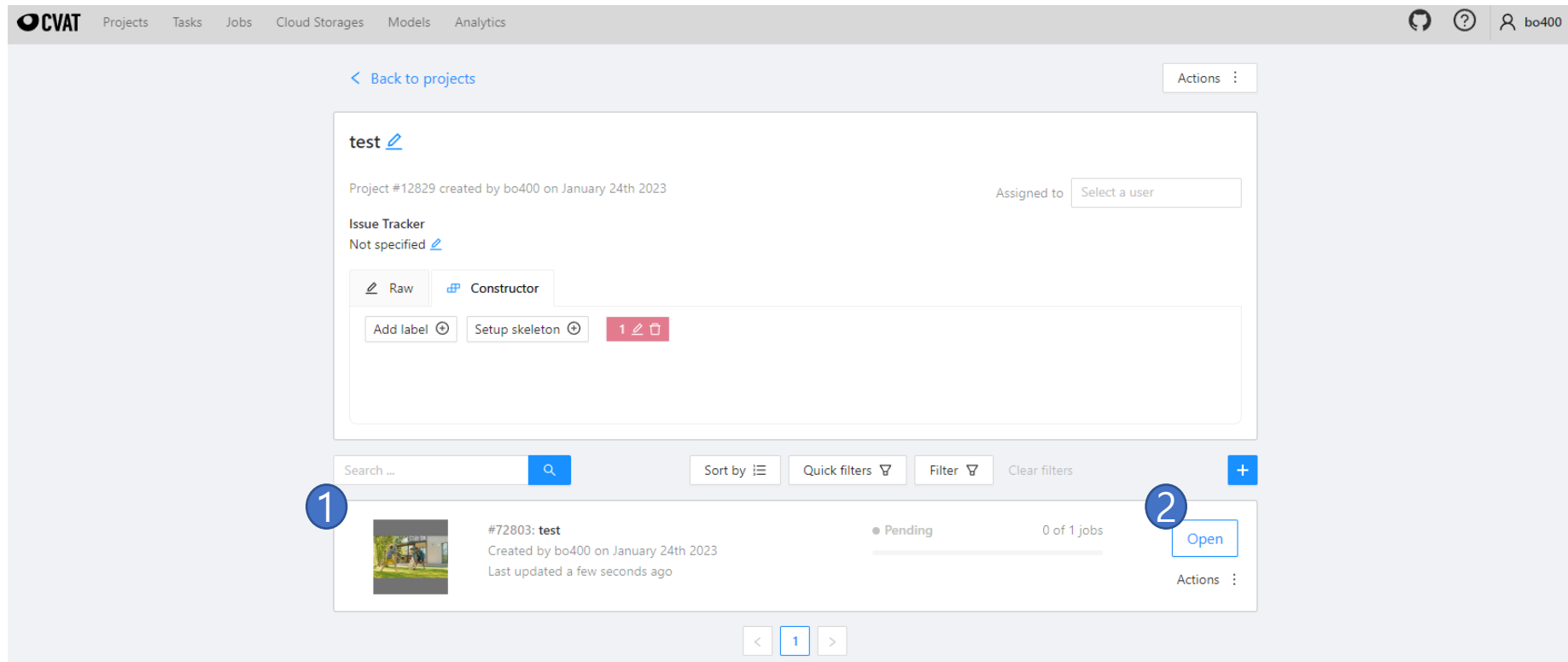
You can upload an archive with images, a video, or multiple images

> Advanced configuration

3 Submit & Open Submit & Continue

1. Task 명칭 설정
2. 라벨링 작업할 이미지 업로드
3. Submit & Continue 클릭
4. 동일하게 상단 메뉴에서 Projects 클릭 해당 프로젝트 클릭

라벨링 Tool 소개



1. 8페이지에서 작업한 할당한 Task 생성
2. OPEN 버튼 클릭

라벨링 Tool 소개

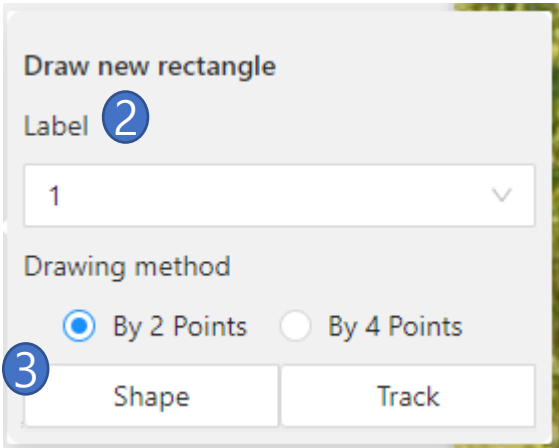
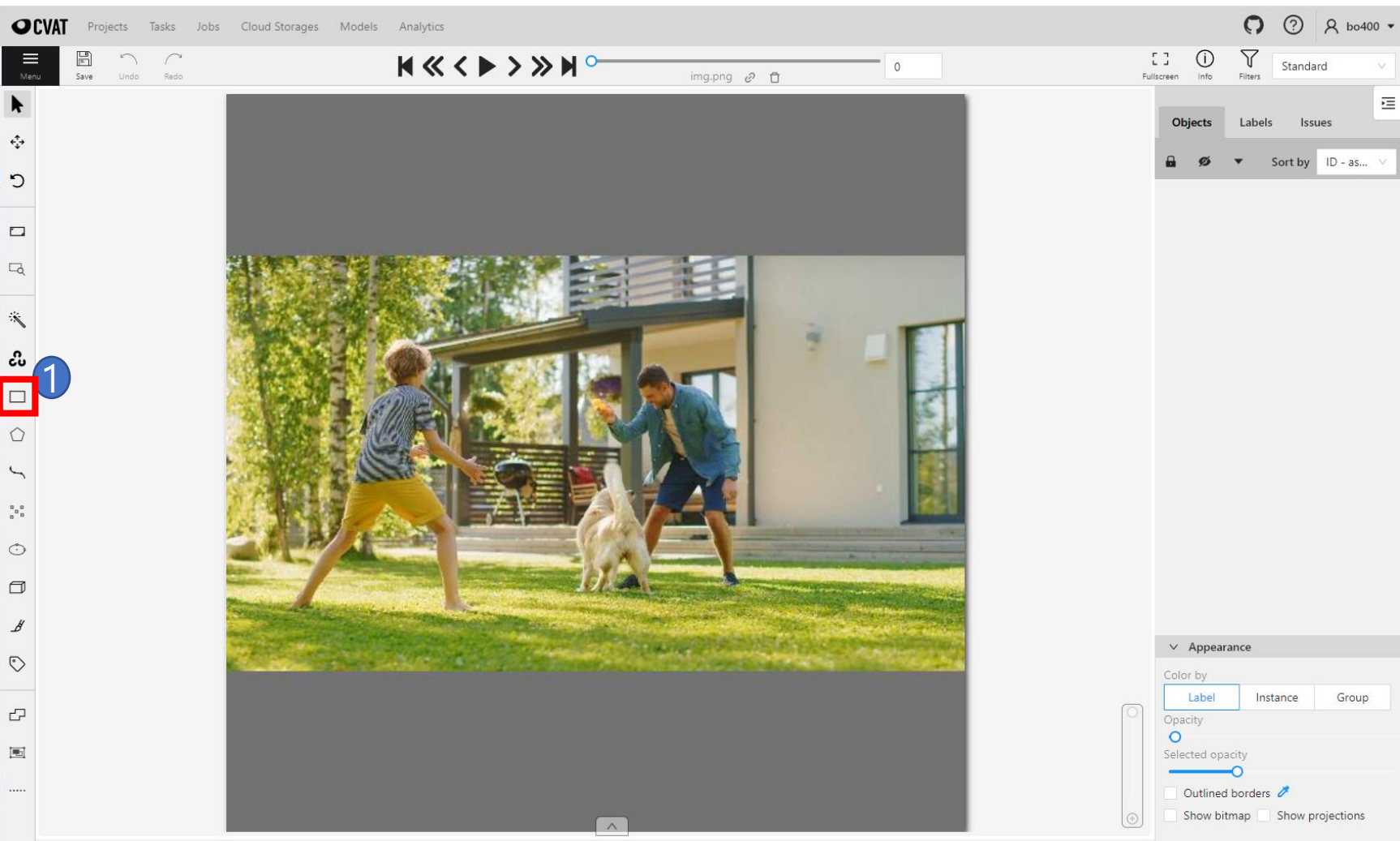
The screenshot displays the CVAT web interface. At the top, there's a navigation bar with links for Projects, Tasks, Jobs, Cloud Storages, Models, and Analytics. The user 'bo400' is logged in. The main content area shows a task configuration page for a task named 'test'. It includes a video thumbnail, task details (Task #72803, Created by bo400 on January 24th 2023), and an 'Assigned to' dropdown. Below this is an 'Issue Tracker' section and a 'Subset' input field. A table shows metrics: Overlap size (0), Segment size (1), and Image quality (70). At the bottom, a 'Jobs' table is visible, with a red circle and the number '1' highlighting the table header. The table has columns for Job, Frames, Stage, State, Started on, Duration, and Assignee. The first row shows Job #71226, 0-0 frames, 'annotation' stage, 'new' state, started on January 24th 2023 at 21:01, with a duration of 2 minutes and an 'Assignee' dropdown.

| Job | Frames | Stage | State | Started on | Duration | Assignee |
|------------|--------|------------|-------|-------------------------|-----------|---------------|
| Job #71226 | 0-0 | annotation | new | January 24th 2023 21:01 | 2 minutes | Select a user |

1. 클릭 시 작업 페이지로 이동

작업 페이지로 들어온 모습

라벨링 Tool 소개



2. 라벨 선택

3. Shape 선택

3번 선택 후 해당하는 객체에
바운딩 박스 하면 됩니다.

저장 방법 : Ctrl + S
앞으로 이동 F
뒤로 이동 D

감사합니다.