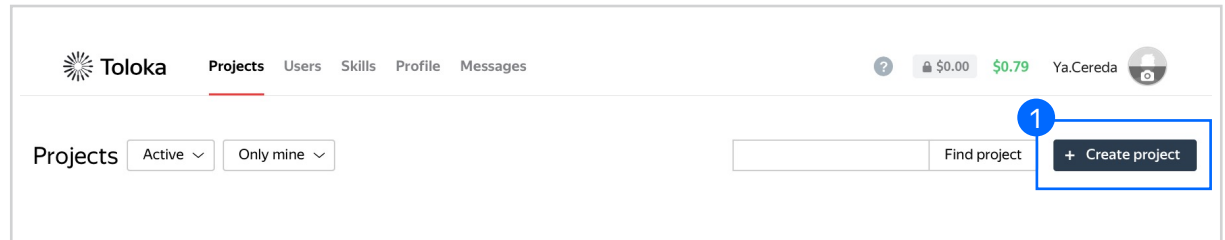




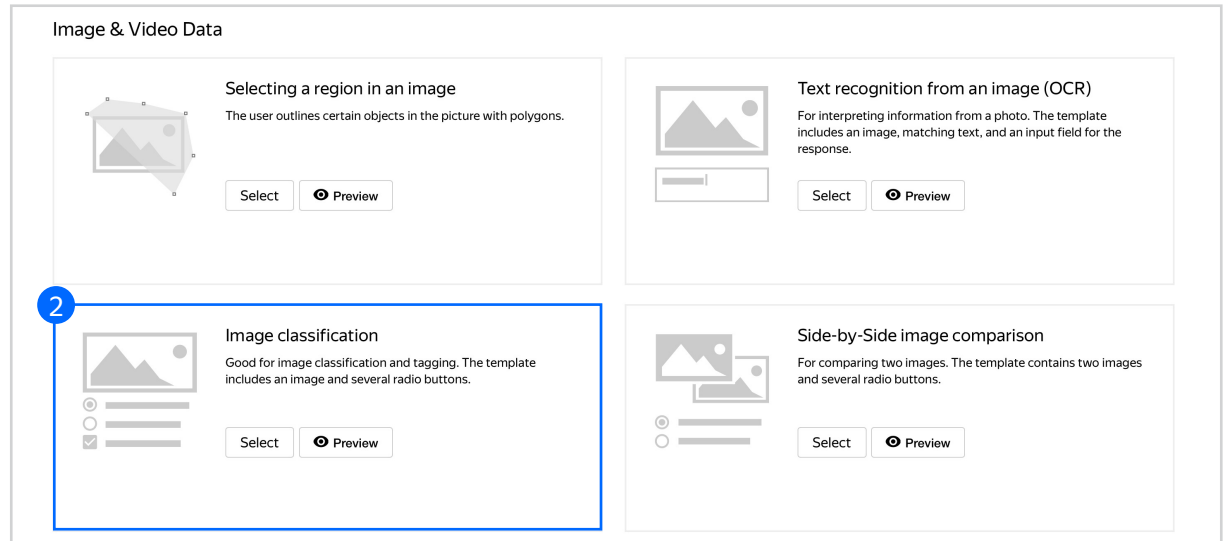
Binary image classification manual

Create a project

1. Click **Create project**.



2. Choose the **Image classification** template.



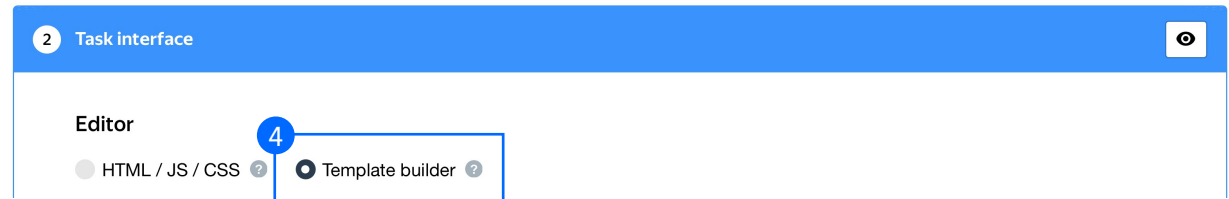
3. Enter a clear project name and description. Click **Save**.

Note: The project name and description will be visible to the performers.

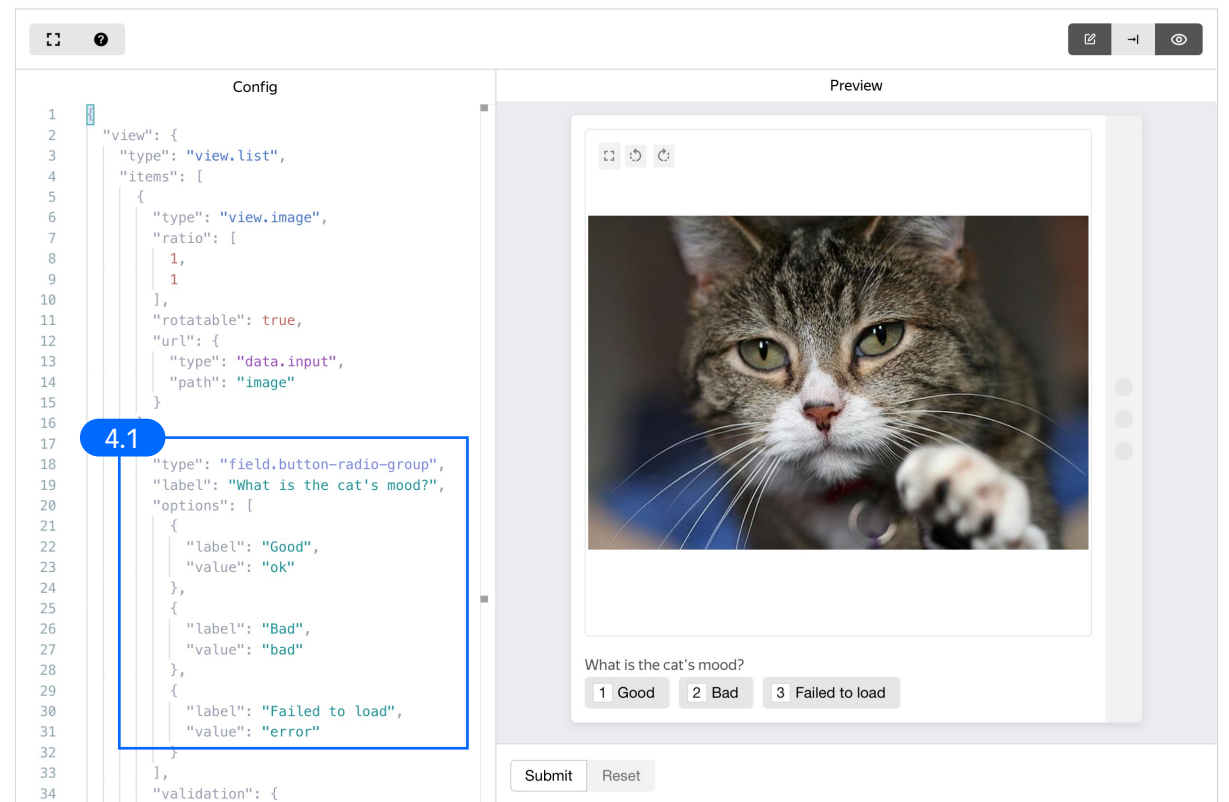
The screenshot shows the 'General information' form in the Toloka interface. It has a blue header with the number '1'. The form contains a 'Name to show performers' field with the text 'Is it a cat or a dog?'. Below it is a 'Description for performers' field with the text 'Look at the picture and decide whether there is a cat or a dog.'. To the right, there's a preview box showing a five-star rating, the title 'Is it a cat or a dog?', the description 'Look at the picture and decide whether there is a cat or a dog.', and pricing information: '0\$ per task' and '~0\$ per hour'. At the bottom left, there's a '+ Private comment' link and a 'Save' button, which is highlighted with a blue box and a red circle with the number '3'.

4. Update the task interface in the **Template Builder** block.

Read more about the [Template Builder](#) in the Requester's Guide.



- 4.1. Find the part of the config with the question from the task and the possible answers (starting from line 17).




4.2. Replace the default question and answers with the ones you need. You can find the full config in the Appendix at the end of this manual.

Check the [Interfaces section](#) of our Knowledge Base for more tips on interface design.

4.2

```
1 {
2   "view": {
3     "type": "view.list",
4     "items": [
5       {
6         "type": "view.image",
7         "ratio": [
8           1,
9           1
10        ],
11        "rotatable": true,
12        "url": {
13          "type": "data.input",
14          "path": "image"
15        }
16      }
17    ],
18    "type": "field.button-radio-group",
19    "label": "Is it a cat or a dog?",
20    "options": [
21      {
22        "label": "Cat",
23        "value": "cat"
24      },
25      {
26        "label": "Dog",
27        "value": "dog"
28      },
29      {
30        "label": "Other",
31        "value": "other"
32      }
33    ],
34    "validation": {
```

Preview



Is it a cat or a dog?

1 Cat

2 Dog

3 Other

Submit

Reset

4.3. Make sure the specifications look like this:

Note: Specifications are a description of input data that will be used in a project and the output data that will be collected from the performers.

Read more [about input and output data specifications](#) in the Requester's Guide.

Data specification ?

Input data

image (URL) ●

Add field

Output data <>

result (string) ●

Add field

Common interface elements

☒ Remaining time

☒ Price per page

☒ Task name

☒ Contact requester button

☒ Instructions button

☒ Fullscreen button

☒ Submit button

☒ Skip button

☒ Exit button

4.3

Save

- Get more tips on designing [instructions](#) in our Knowledge Base.

[illegible]

6. Fill in “Name and description” and “Instructions” in the **Translations** block for each language that you want performers to see. If you leave these fields empty, the language is inactive. Click **Save**.

4

Translations

Performers from different countries will understand the purpose of the task better if the instructions and all descriptions are in their native language. Fill in "Name and description" and "Instructions" for each language that you want performers to see. If you leave these empty, the language is inactive.

Source language

English

Translations

Language	Name and description for performers	Instructions for performers
<div><div></div>English (Source)</div>	<div><div></div></div>	<div><div></div></div>

Add translation

6

Save

7. Click **Finish** to save the project.

Edit project

[Back to the old interface](#) Cancel Finish

- ✓ General information
- ✓ Task interface
- ✓ Instructions for performers
- ✓ Translations

Note: To edit project parameters, click the button in the list of projects or go to **Project actions** → **Edit** on the project page.

Is it a cat or a dog? — active

Project actions ^

Statistics for 7 days

Submitted tasks	Spent	Quality: control tasks	Quality: training tasks	Average submit time	Users	Banned users
0	0 \$	-	-	-	0	0

- Edit
- Clone
- Archive
- Preview

Create a pool

1. Click **Add a pool**.

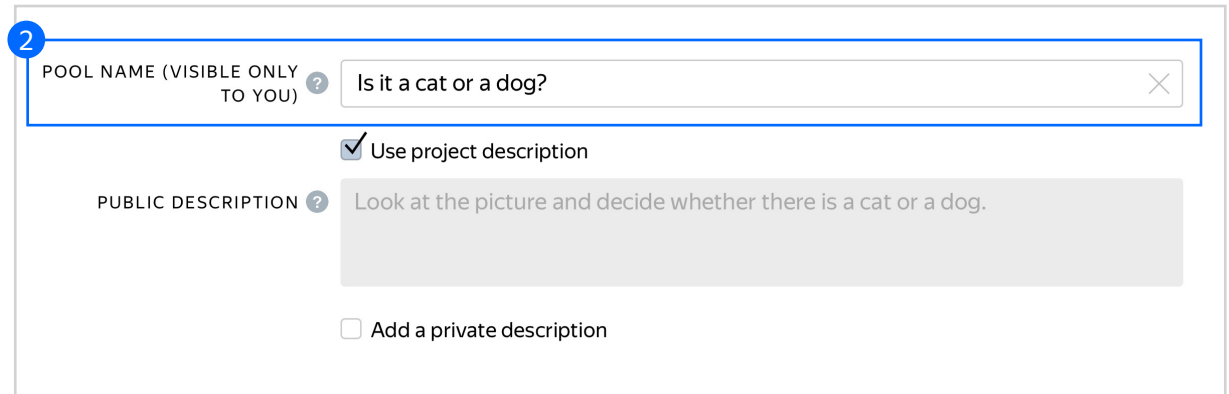
A pool is a set of paid tasks grouped into task pages. These tasks are sent out for completion at the same time.

Note: All tasks within a pool have the same settings (price, quality control, etc.)

The screenshot displays the Toloka project management interface for a project titled "Is it a cat or a dog? — active". At the top, there are statistics for the last 7 days, including Submitted tasks (0), Spent (0 \$), Quality: control tasks (-), Quality: training tasks (-), Average submit time (-), Users (0), and Banned users (0). Below the statistics, there are tabs for Pools, Training, Statistics, and Quality control. The Pools tab is selected, and within it, there are sub-tabs for Active and closed, Archived, and Filters. A search bar is also present. A blue box with a circled '1' highlights the "Add a pool" button in the top right corner of the Pools tab. Below the tabs, there is a message: "Pools can be archived manually or automatically (automatic archiving applies to pools with no activity for 30 days)." and a table with columns: Title, Priority, Progress, Status, Started, and To be completed. A note below the table states: "To launch a project, you first need to add a pool, set user filters and quality control rules, and upload tasks." A dropdown menu in the bottom right corner shows the number 50.

2. Give the pool any name you find suitable. You are the only one who will see it.

The description can be either public or private. Choose the option you prefer.



2

POOL NAME (VISIBLE ONLY TO YOU) ? Is it a cat or a dog?

☒ Use project description

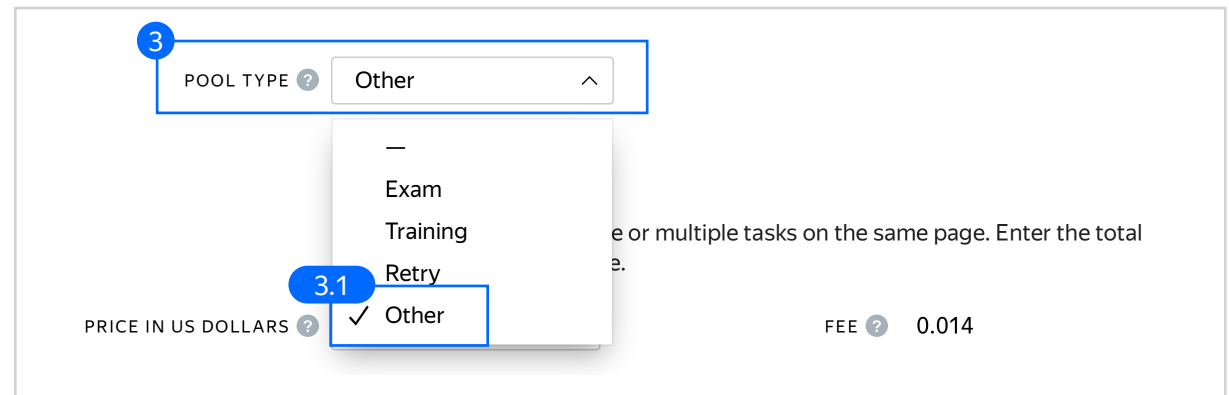
PUBLIC DESCRIPTION ? Look at the picture and decide whether there is a cat or a dog.

☐ Add a private description

3. Specify [pool parameters](#):

- 3.1. Select pool type. Choose **Other**.

Read more about [pool types](#) in the Requester's Guide.



3

POOL TYPE ? Other ^

Exam

Training

3.1 Retry

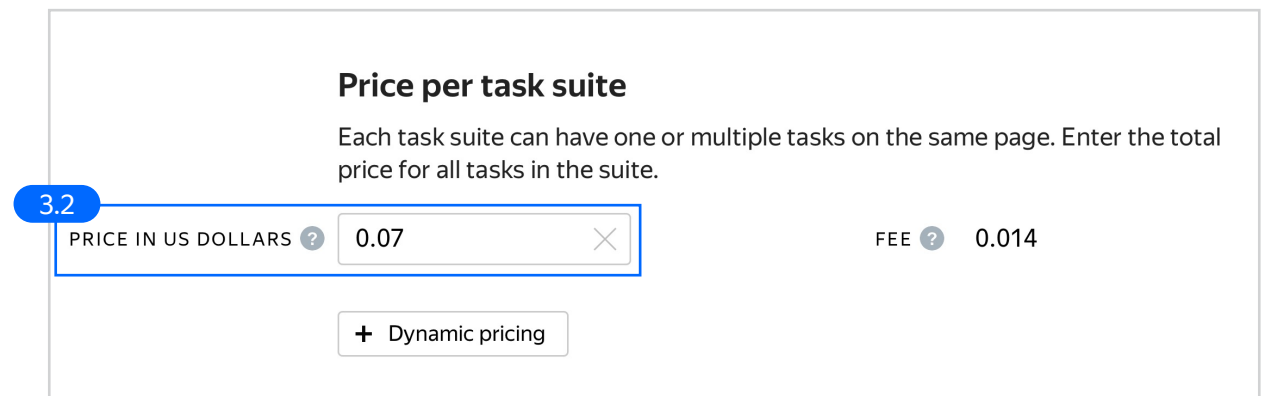
✓ Other

PRICE IN US DOLLARS ?

FEE ? 0.014

- 3.2. Set the price per task suite (for example, \$0.07).

Read more about [pricing principles](#) in our Knowledge Base.



Price per task suite

Each task suite can have one or multiple tasks on the same page. Enter the total price for all tasks in the suite.

3.2

PRICE IN US DOLLARS ? 0.07 X

FEE ? 0.014

+ Dynamic pricing

3.3. [Filter](#) performers who can access the task. Choose “No” in the **Adult content** block. Click **Add filter** to choose the **Languages** option in the list.

3.3

Performers

Filter performers who can access the task.
Toloka has users from different countries, so don't forget to filter by language and region. [Learn more](#)

[Copy settings from...](#)

ADULT CONTENT ? ☐ No

Add filter Create a skill

OS major version
OS minor version
OS versions
Performer rating
Region by IP
Region by phone number
Type of client application
User agent minor version

Performer profile

Adult content
Citizenship
City
Country
Date of birth
Education
Gender
Languages
Verified

Skills

My skills
Add filter

3.4. Select English-speaking performers using the **Languages = English** filter.

Performers

Filter performers who can access the task.
Toloka has users from different countries, so don't forget to filter by language and region. [Learn more](#)

[Copy settings from...](#)

ADULT CONTENT ? ☐ No

Add filter Create a skill

3.4

PERFORMER PROFILE

Languages = English

3.5. Set up [Quality control](#): Golden Set aka **Control tasks**. Ban performers who give incorrect responses to control tasks. Click **+ Add Quality Control Rule** and choose **Basic** preset.

3.6. Scroll down to **Control tasks**. Set the number of responses (at least 3) and the percentage of correct responses (less than 60).

Read more about [configuring this rule](#) in our Requester's Guide.

Example: If the **number of responses** is ≥ 3 and **correct responses (%)** account for < 60 , then **ban on project** for **10 days**. Optionally, add [other quality control rules](#).

3.7. Overlap. This is the number of users who will complete the same task. For example, 3.

To understand [how this rule works](#), go to the Requester's Guide.

Overlap

Specify how many performers you want to complete each task in the pool.

3.7

OVERLAP ? 3

DYNAMIC OVERLAP ? ☐ Off

3.8. Optionally, specify the percentage of top-rated performers in the [Speed / quality balance](#).

Note: This can slow down pool completion.

Speed/quality ratio

Set additional filters to restrict performer access based on their rating in Toloka. This boosts quality but may slow down project completion because there will be fewer performers available to complete tasks. [Learn more...](#)

Top %

Online

Time

Specify the percentage of top-rated active users who can access tasks in the pool.

3.8

7974

Speed

All 90% 80% 70% 60% 50% 40% 30% 20% 10%

Quality 4784

60% top-rated performers were selected.
The task is available to **4784** active users.

3.9. Time given to complete a task suite (for example, 600 seconds).

To understand how much time it should take to complete a task suite, try doing it yourself.

Parameters

3.9

TIME PER TASK SUITE IN SECONDS ? 600

KEEP TASK ORDER ? ☐ No

PPOOL CLOSING DATE ? 2022-06-03

WAITING TIME FOR THE POOL TO CLOSE IN SECONDS ? 0

PPOOL PRIORITY WITHIN THE PROJECT ? 0

- Click **Save** to save Pool parameters.

Parameters

TIME PER TASK SUITE IN SECONDS ?	<input type="text" value="600"/>	POOL CLOSING DATE ?	<input type="text" value="2022-06-07"/>
KEEP TASK ORDER ?	<input type="checkbox"/> No	WAITING TIME FOR THE POOL TO CLOSE IN SECONDS ?	<input type="text" value="0"/>
		POOL PRIORITY WITHIN THE PROJECT ?	<input type="text" value="0"/>

Cancel **4** Save

Prepare and upload a file with tasks

- Prepare a TSV file with tasks as shown in our [example](#).
License: CC BY 4.0

- [Upload pool tasks](#) from this file.

Is it a cat or a dog? — closed

Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

- Template for general tasks.tsv
- Template for control tasks.tsv
- Template for training tasks.tsv

2 Upload

0 task pages	0 training tasks
0 tasks	0 control tasks

0 % Completed 0

2.1. Select [Smart mixing](#) in **File upload settings** and specify the number of tasks per page. For example: 9 main tasks and 1 control task.

To learn more about [grouping tasks](#) into suites, read the Requester's Guide.

Click **Upload** again.

Note: If you changed the name of the input field, change it in the file as well.

File upload settings ?

Tasks per page

By empty row Set manually **Smart mixing**

2.1

Main tasks 9

Training tasks 0

Control tasks 1

Show advanced settings

Sample file for uploading tasks Close Upload

2.2. In the pop-up window, click **Add** to add tasks to the pool.

Adding tasks to pool (cats.tsv)

TASKS FOR POOL

120 tasks 0 training tasks

0 control tasks

2.2 Cancel Add

3. [Create control tasks.](#)


Click **Edit** → **Create control tasks**.

Note: Control tasks are tasks that already contain the correct response. They are used for checking the quality of responses from performers. The performer's response is compared to the response you provided. If they match, it means the performer answered correctly.

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

 [Template for general tasks.tsv](#)

 [Template for control tasks.tsv](#)

 [Template for training tasks.tsv](#)

 Upload

 Files

 Delete

3

Edit

0 task pages

0 training tasks

Edit tasks

Use main tasks as a starting point to create control tasks or training tasks.

Control tasks are for checking the quality of responses from performers. They contain correct responses to compare with actual responses.

Training tasks are for teaching performers how to complete tasks. They contain correct responses and hints.

[Learn more](#)

Main 120 Control tasks 0 Training tasks 0

Create control tasks

Create training tasks

Download

ID ↕	Overlap ↕	Responses from performers ↕	Last updated ↕
...38757659	3	0	06/07/2021 13:48:32
...38757642	3	0	06/07/2021 13:48:32

3.1. Enter correct responses for your control tasks. Check the **result** output field, which compares the user's response to the control task, select the response, and click **Save and go to next**. Repeat until you have enough control tasks.

To learn more about [creating control tasks](#), go to the Requester's Guide.

In small pools, control tasks should account for 10–20% of all tasks.

Tip. Make sure to include different variations of correct responses in equal amounts.

Go to **Uploaded tasks** → **Control tasks** → **Distribution of correct responses for control tasks** tab.

ID	Overlap	Responses from performers	Correct responses, %	Last updated
16e47fe1	∞	0		06/07/2021 14:01:42
16e47ff0	∞	0		06/07/2021 14:01:35
16e48008	∞	0		06/07/2021 14:01:28
16e4800c	∞	0		06/07/2021 14:01:21

3.2. To check the number of control tasks, go to the **Pool** page.

Projects > Is it a cat or a dog? > Is it a cat or a dog?

Is it a cat or a dog? — closed

Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool. The sample file uses TSV format, which is the same as CSV but using tab as the separator. Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

[Template for general tasks.tsv](#)
[Template for control tasks.tsv](#)
[Template for training tasks.tsv](#)

Upload Files Delete Edit Preview

~36 task pages	0 training tasks
105 tasks	15 control tasks

0 % Completed 0

0 ~36

4. Start the pool.

Note: Remember that the tasks will be completed by actual Tolokers. Double check that everything is correct with your project configuration before you start the pool.

Projects > Is it a cat or a dog? > Is it a cat or a dog?

Is it a cat or a dog? — closed

Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool. The sample file uses TSV format, which is the same as CSV but using tab as the separator. Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

[Template for general tasks.tsv](#)
[Template for control tasks.tsv](#)
[Template for training tasks.tsv](#)

Upload Files Delete Edit Preview

~36 task pages	0 training tasks
105 tasks	15 control tasks

0 % Completed 0

0 ~36

Receiving responses

1. Wait until the pool is completed.
Refresh the pool page to check progress.

2. Click the **Download results** button and run aggregation using the [Dawid-Skene model](#).

Read more about the [Dawid-Skene model](#) in the Requester's Guide or get at an overview of different [aggregation models](#) our Knowledge Base.

3. Go to the list of operations and wait until aggregation is complete.

Note: Aggregation takes from 5 to 20 minutes. During this time, you can start configuring your next project. Refresh the Operations page to check progress.

The screenshot shows a project titled "Is it a cat or a dog?" with a status of "closed". It features a "Download results" button, a "View operations" dropdown menu, and a progress bar at 100%. The progress bar is green and labeled "100 % Completed 36, accepted 36". Below the progress bar is a "View assignments" button. The page also includes links for "Template for general tasks.tsv", "Template for control tasks.tsv", and "Template for training tasks.tsv".

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

[Template for general tasks.tsv](#)
[Template for control tasks.tsv](#)
[Template for training tasks.tsv](#)

Upload Files Edit Preview

36 task pages 0 training tasks 105 tasks 15 control tasks

100 %
Completed 36, accepted 36
View assignments

The screenshot shows the "Operations" page with a table of operations. The table has columns for Id, Type, Started, Completion time, Progress, Status, and Files. A single operation is listed with Id "888b2...", Type "Dawid-Skene aggregation model", Started "06/07/2021 14:08:14", Completion time "-", Progress "10%", Status "Running", and Files "-". The progress bar for this operation is highlighted with a blue box and a blue circle with the number 3.

Operations

PROJECT POOL
Is it a cat or a dog? Is it a cat or a dog?

Id	Type	Started	Completion time	Progress	Status	Files
888b2...	Dawid-Skene aggregation model	06/07/2021 14:08:14	-	10%	Running	-

- When aggregation is complete, download the TSV file with the results.

Operations

PROJECT

Is it a cat or a dog?

POOL

Is it a cat or a dog?

Id ↕	Type ↕	Started ↕	Completion time ↕	Progress	Status ↕	Files
63256...	Dawid-Skene aggregation model	06/03/2021 18:45:46	06/03/2021 18:48:08	<div></div> 100%	Success	<div>4</div> <div>Download</div>

10 ▾

Appendix

Interface config Step 4.2.

```
{
  "view": {
    "type": "view.list",
    "items": [
      {
        "type": "view.image",
        "ratio": [
          1,
          1,
          1
        ],
        "rotatable": true,
        "url": {
          "type": "data.input",
          "path": "image"
        }
      },
      {
        "type": "field.button-radio-group",
        "label": "Is it a cat or a dog?",
        "options": [
          {
            "label": "Cat",
            "value": "cat"
          },
          {
            "label": "Dog",
            "value": "dog"
          },
          {
            "label": "Other",
            "value": "other"
          }
        ],
        "validation": {
          "type": "condition.required",
          "hint": "choose one of the options"
        },
        "data": {
          "type": "data.output",
          "path": "result"
        }
      }
    ],
    "plugins": [
      {
        "type": "plugin.toloka",
        "layout": {
          "kind": "scroll",
          "taskWidth": 500
        }
      },
      {
        "1": {
          "type": "action.set",
          "data": {
            "type": "data.output",
            "path": "result"
          },
          "payload": "cat"
        },
        "2": {
          "type": "action.set",
          "data": {
            "type": "data.output",
            "path": "result"
          },
          "payload": "dog"
        },
        "3": {
          "type": "action.set",
          "data": {
            "type": "data.output",
            "path": "result"
          },
          "payload": "other"
        }
      },
      {
        "type": "plugin.hotkeys"
      }
    ]
  }
}
```