

ProfNER submission step-by-step

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1. Generate prediction files with proper format

a. Columns:

For Task A - Tweet binary classification, you **MUST** generate a tab-separated file with 2 columns:

```
tweet_id    label
123193823  0
133943123  0
120983400  1
```

For Task B - NER offset detection and classification, you **MUST** generate a tab-separated file with 5 columns:

```
tweet_id    begin  end    type    extraction
120983400   75    79    PROFESION    presidente
113931178   17    35    SITUACION_LABORAL    personal de riesgo
120343590   12    23    PROFESION    periodistas
```

b. File naming

In both cases, the file **MUST** have the .tsv extension. For example, pred-valid-task1.tsv and pred-valid-task2.tsv

c. Headers

In both cases, the .tsv files **MUST** include the headers.

2. Prepare a ZIP file for each sub-task

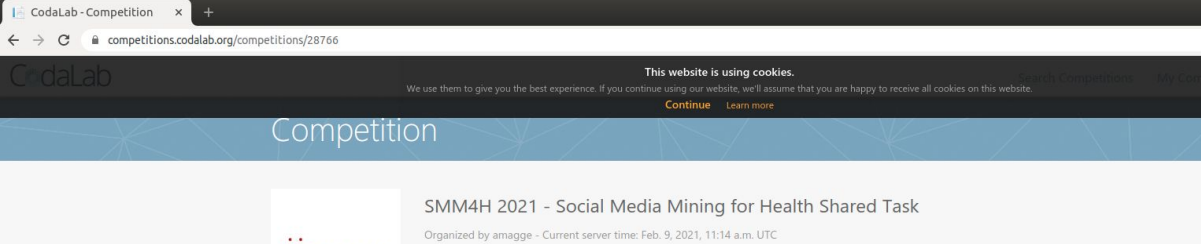
Every .tsv file **MUST** be included in a different ZIP file.

```
$ zip pred-valid-task1.zip pred-valid-task1.tsv
```

3. Access CodaLab

if you do not have a CodaLab account, you must create one first

First, go to <https://competitions.codalab.org/competitions/28766>



The screenshot shows a web browser window with the URL competitions.codalab.org/competitions/28766. The page features the CodaLab logo and a navigation bar. A cookie consent banner is visible, stating "This website is using cookies." Below this, the word "Competition" is displayed in a large font. The main content area shows the title "SMM4H 2021 - Social Media Mining for Health Shared Task" and the organizer information: "Organized by amagge - Current server time: Feb. 9, 2021, 11:14 a.m. UTC".

Then, go to the “Participate” window and Sign In (if you do not have a CodaLab account, you must create one first):

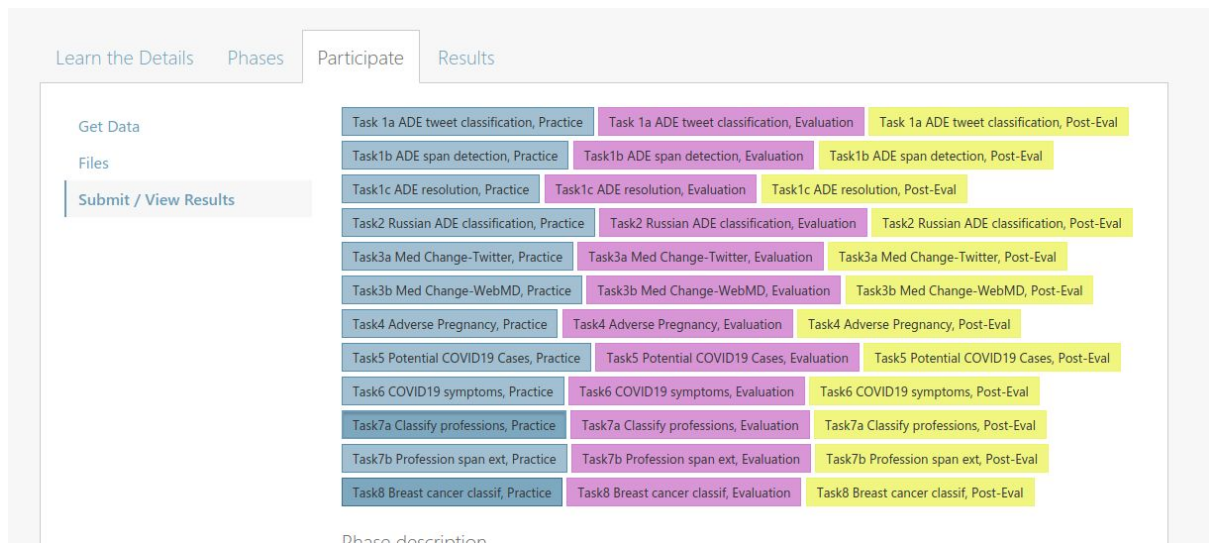


The image shows a 'Sign In' form with a blue header. Below the header, there is a 'Login:' label followed by a text input field containing 'antonio_miranda'. Below that is a 'Password:' label followed by a password input field with dots. There is a checkbox labeled 'Remember Me' and a 'Sign In' button at the bottom.

Your Registration petition to this Codalab competition will be reviewed and accepted by SMM4H organizers.

4. Submit predictions

Once you are signed in, go to “Participate > Submit / View Results” and **select the competition in which you want to participate** ([Practice] for the validation submission, [Evaluation] for the test set submission):



The image shows the 'Participate' page in CodaLab. It has a navigation bar with 'Learn the Details', 'Phases', 'Participate', and 'Results'. On the left, there is a sidebar with 'Get Data', 'Files', and 'Submit / View Results'. The main content area displays a grid of tasks, each with three buttons for 'Practice', 'Evaluation', and 'Post-Eval'. The tasks are:

Task 1a ADE tweet classification, Practice	Task 1a ADE tweet classification, Evaluation	Task 1a ADE tweet classification, Post-Eval
Task1b ADE span detection, Practice	Task1b ADE span detection, Evaluation	Task1b ADE span detection, Post-Eval
Task1c ADE resolution, Practice	Task1c ADE resolution, Evaluation	Task1c ADE resolution, Post-Eval
Task2 Russian ADE classification, Practice	Task2 Russian ADE classification, Evaluation	Task2 Russian ADE classification, Post-Eval
Task3a Med Change-Twitter, Practice	Task3a Med Change-Twitter, Evaluation	Task3a Med Change-Twitter, Post-Eval
Task3b Med Change-WebMD, Practice	Task3b Med Change-WebMD, Evaluation	Task3b Med Change-WebMD, Post-Eval
Task4 Adverse Pregnancy, Practice	Task4 Adverse Pregnancy, Evaluation	Task4 Adverse Pregnancy, Post-Eval
Task5 Potential COVID19 Cases, Practice	Task5 Potential COVID19 Cases, Evaluation	Task5 Potential COVID19 Cases, Post-Eval
Task6 COVID19 symptoms, Practice	Task6 COVID19 symptoms, Evaluation	Task6 COVID19 symptoms, Post-Eval
Task7a Classify professions, Practice	Task7a Classify professions, Evaluation	Task7a Classify professions, Post-Eval
Task7b Profession span ext, Practice	Task7b Profession span ext, Evaluation	Task7b Profession span ext, Post-Eval
Task8 Breast cancer classif, Practice	Task8 Breast cancer classif, Evaluation	Task8 Breast cancer classif, Post-Eval

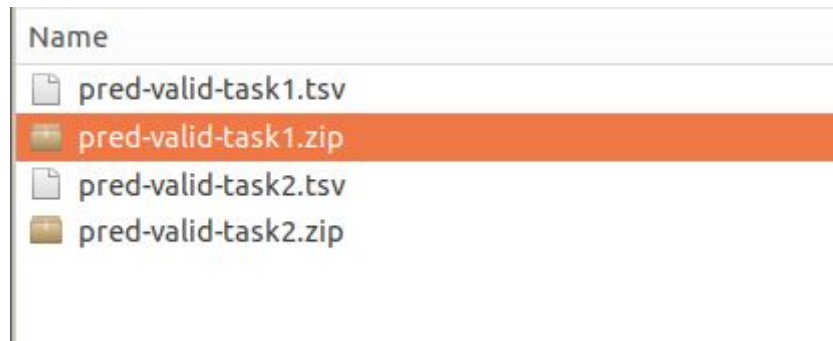
Phase description

Then, click on “**Submit**” and select the relevant ZIP file:

Click the Submit button to upload a new submission.

Optionally add more information about this submission

Submit



Your submission should be instantaneously added to the queue. You may need to wait until you have a final status, depending on the queue in the CodaLab servers. **We recommend submitting your predictions at least a few hours before the deadline!**

There are several statuses in the queue. If your submission is successful, you should see “Finished” under the “STATUS” column and your score:

Submit

Here are your submissions to date (✓ indicates submission on leaderboard):

#	SCORE	FILENAME	SUBMISSION DATE	STATUS	✓	
1	0.61	pred-valid-task2.zip	02/09/2021 09:02:27	Finished		+

If your submission retrieved some error, you will see “Failed” under the “STATUS” column and you can explore the error message by clicking the “+” sign

Submit

Here are your submissions to date (✓ indicates submission on leaderboard):

#	SCORE	FILENAME	SUBMISSION DATE	STATUS	✓	
1	---	pred-valid-task1.zip	02/08/2021 15:40:13	Failed		-

Description:

update description

Error:

```
WARNING: Your kernel does not support swap limit capabilities or the cgroup is not mounted. Memory limited without swap.
2021-02-08 18:20:28,662 root          INFO      -----
-----
2021-02-08 18:20:28,663 root          WARNING   Start scoring
Traceback (most recent call last):
  File "/tmp/codalab/tmp2WIJUn/run/program/SMM4H21ScoreTask7a.py", line 50, in
    assert 'label' in dpred.columns, "I was expecting the column label containing the predictions of the classifier to evaluate to be in the tsv file."
AssertionError: I was expecting the column label containing the predictions of the classifier to evaluate to be in the tsv file.
```

5. Submit to Leaderboard

Once in “Participate > Submit / View Results”, you can select which of your predictions you submit to the leaderboard. Simply, click on the “+” sign and then on “Submit to Leaderboard”

#	SCORE	FILENAME	SUBMISSION DATE	STATUS	✓	
1	0.61	pred-valid-task2.zip	02/09/2021 09:02:27	Finished		-

Description:

update description

[Download your submission](#)

[View scoring output log](#)

[View scoring error log](#)

[Download output from scoring step](#)

Submit to Leaderboard