IEEE-CIS TECHNICAL CHALLENGE ON PREDICT+OPTIMIZE FOR RENEWABLE ENERGY SCHEDULING: SUBMISSION GUIDE

https://ieee-dataport.org/competitions/ieee-cis-technical-challenge-predictoptimize-renewable-energy-scheduling
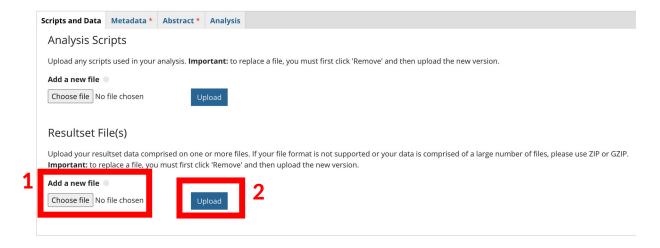
Creating an IEEE account

In order to submit your analysis, you will first need to create an IEEE account. This can be done by clicking the link above (this will take you to the competition page), and then clicking the 'Create Account' button in the top right corner.
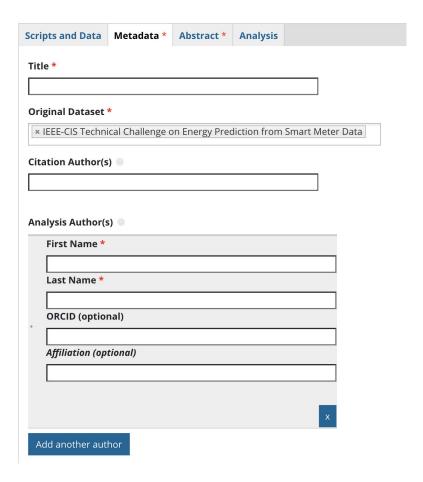
Submitting your analysis

To submit your analysis, follow the link at the top of this page, and click the 'Enter a Submission' button. You should see the following form.
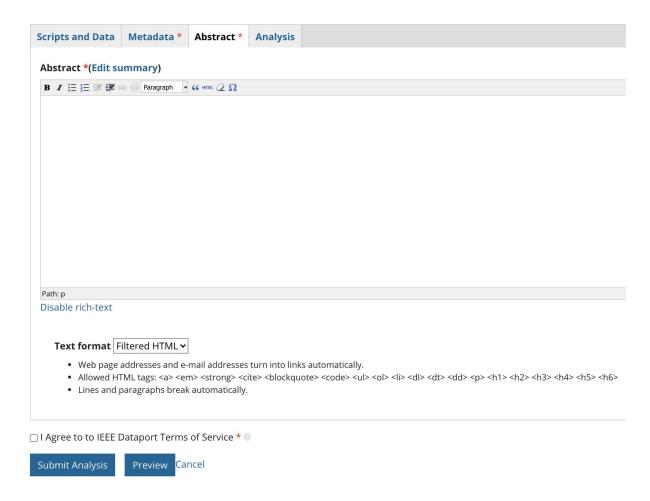
In the Scripts and Data tab, upload your submission zip file as a Resultset File. First choose the file from your computer, then click the Upload button, as shown in the screenshot below.

Click on the Metadata tab and fill out the required information.

Scripts and Data	Metadata *	Abstract *	Analysis

Title *

Original Dataset *

× IEEE-CIS Technical Challenge on Energy Prediction from Smart Meter Data

Citation Author(s) ⓘ

Analysis Author(s) ⓘ

> **First Name** *
>
> **Last Name** *
>
> **ORCID (optional)**
>
> *Affiliation (optional)*
>
> x

Add another author

Click on the Abstract tab and enter the draft description of your methodology (up to 1000 words in length).

Abstract *(Edit summary)

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Path: p

Disable rich-text

Text format [Filtered HTML ▾]

- Web page addresses and e-mail addresses turn into links automatically.
- Allowed HTML tags: <a> <em> <strong> <cite> <blockquote> <code>   <dl> <dt> <dd> <p> <h1> <h2> <h3> <h4> <h5> <h6>
- Lines and paragraphs break automatically.

☐ I Agree to to IEEE Dataport Terms of Service * ⓘ

[Submit Analysis]   [Preview] Cancel

You can use the 'Preview' button to see how your submission will look. When you are happy with it, tick the checkbox to agree to the Terms of Service, and then click 'Submit Analysis' at the bottom of the page.
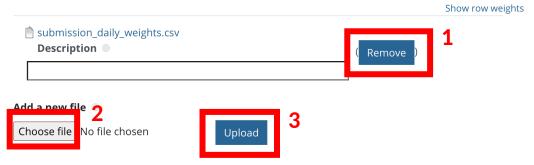
Updating your analysis

You can update your submission if you make later changes to your methodology. For this, there are two options:

- If you make large changes, for example where you also want to update the description of your method, then we recommend creating an entirely new submission, following the method described above.
- For smaller changes, we recommend editing your existing submission. This can be done using the following steps
  - Click on the link at the top of this document, which takes you to the main page of the competition. Make sure you are logged into your IEEE account, and click on your name in the top right corner of the page.
  - Under the heading 'Datasets & Analysis' you can find your previous submissions. Click on the title of the submission you wish to edit.
  - Go to the 'Edit' tab.
  - You can now make any changes you would like to your original submission. If you want to upload a new results zip file, then ensure you first remove the previous file before uploading the new one, as shown in the screenshot below.

Resultset File(s)

Upload your resultset data comprised on one or more files. If your file format is not supported or your data is comprised of a large number of files, please use ZIP or GZIP. **Important:** to replace a file, you must first click 'Remove' and then upload the new version.

Show row weights

📄 submission_daily_weights.csv
Description ⓘ

(Remove) **1**

Add a new file ⓘ

Choose file No file chosen **2**   Upload **3**

- o   Once you have made all the changes, click 'Submit Analysis' at the bottom of the page to save your submission.

Troubleshooting

If your analysis has been successfully submitted, then the leaderboard should show the error values for your predictions. Note that the leaderboard updates every 5 minutes.

If the leaderboard instead displays a blank line for your submission, then it indicates there is a problem with your submitted analysis that needs to be fixed. Some common problems you can check for are:

- Incorrect file format, e.g. submitting an Excel file. You need to submit a plain text CSV file with your predictions, along with schedules for the instances, in a zip file. Please use the sample submission provided for the file format.
- Values not separated by commas.