



Fair Universe

Higgs Uncertainty Challenge

Codabench Tutorial



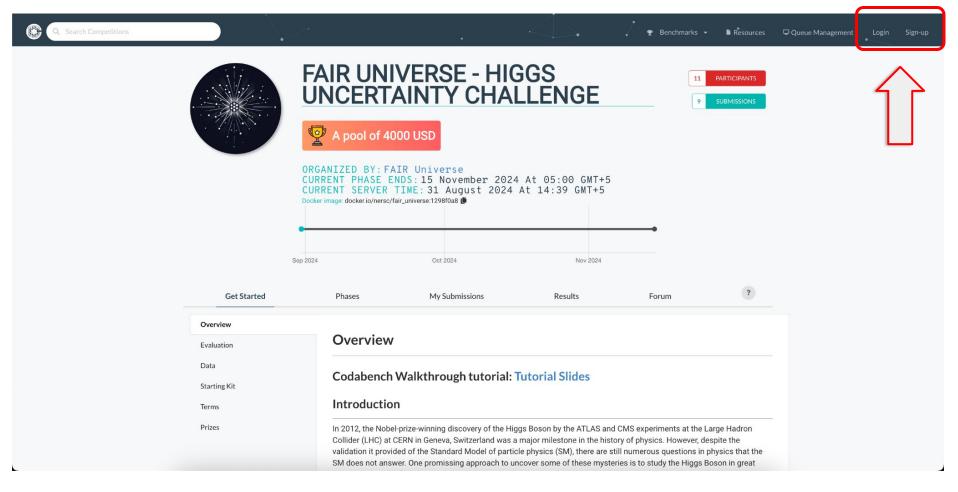


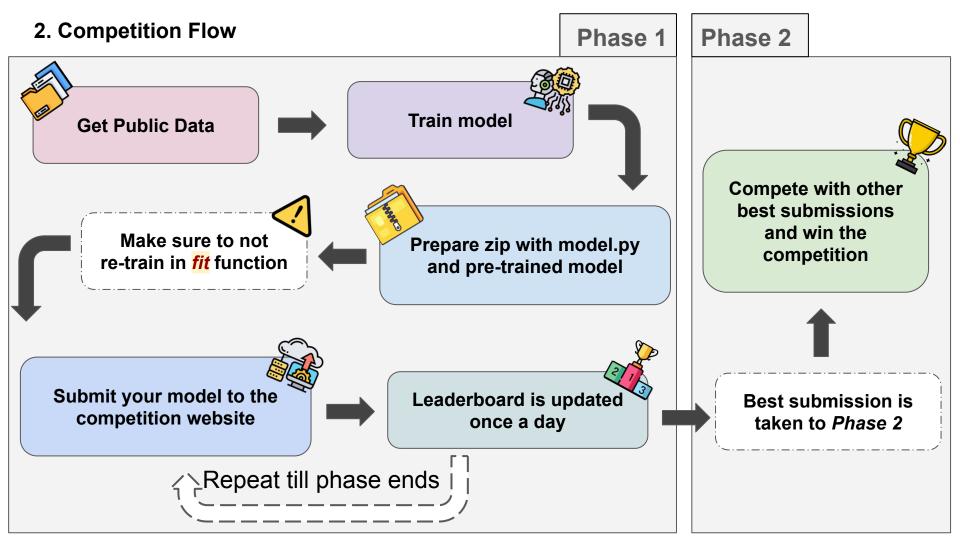




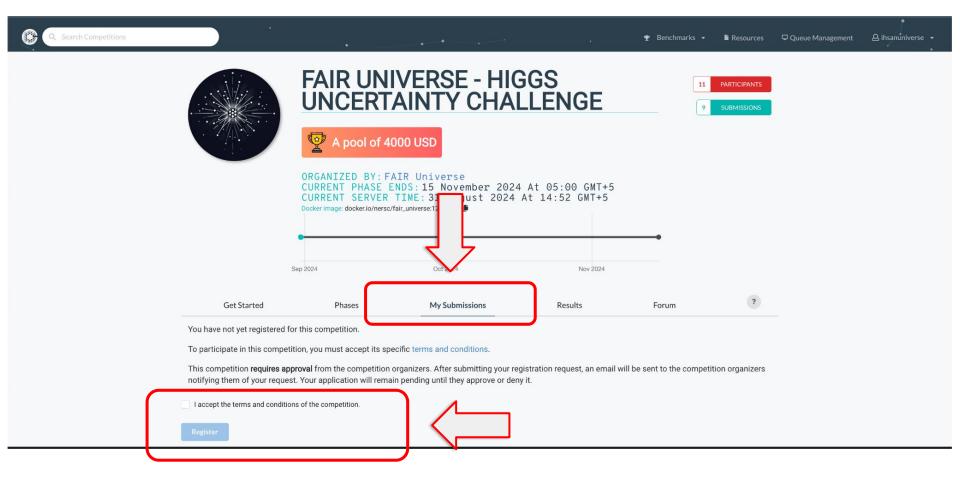


1. Login or Create Account on Codabench https://www.codabench.org/

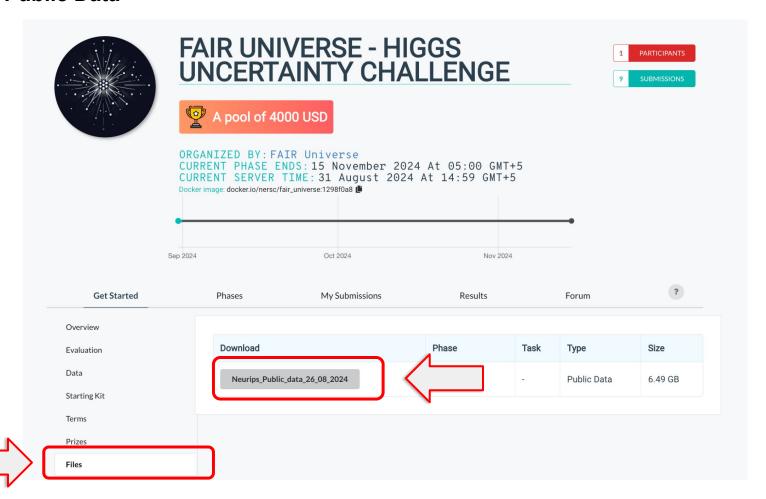




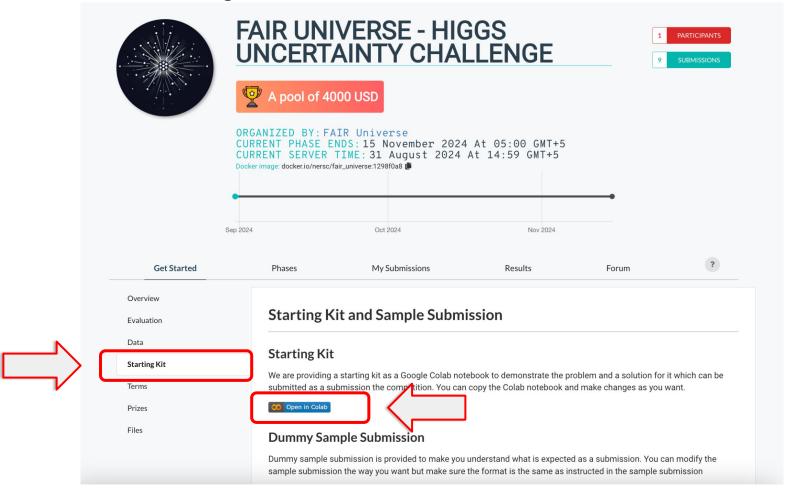
3. Register in the Competition



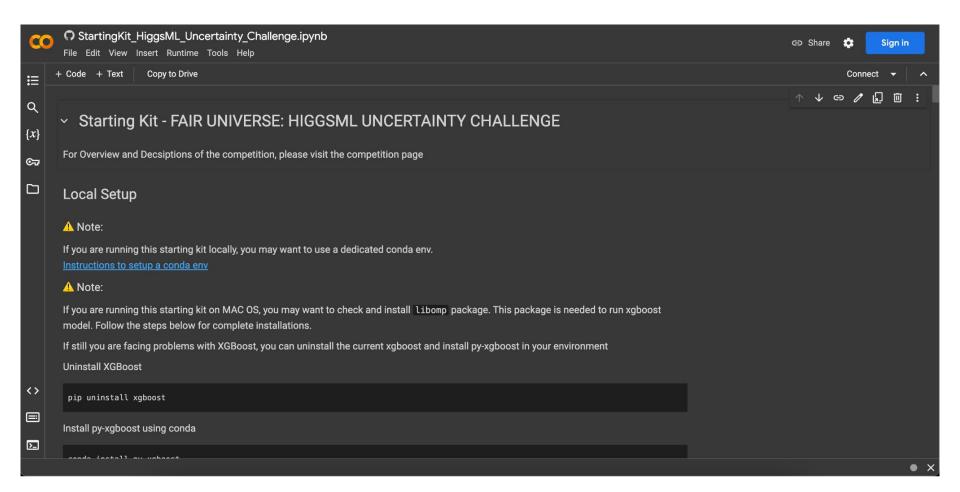
4. Get Public Data



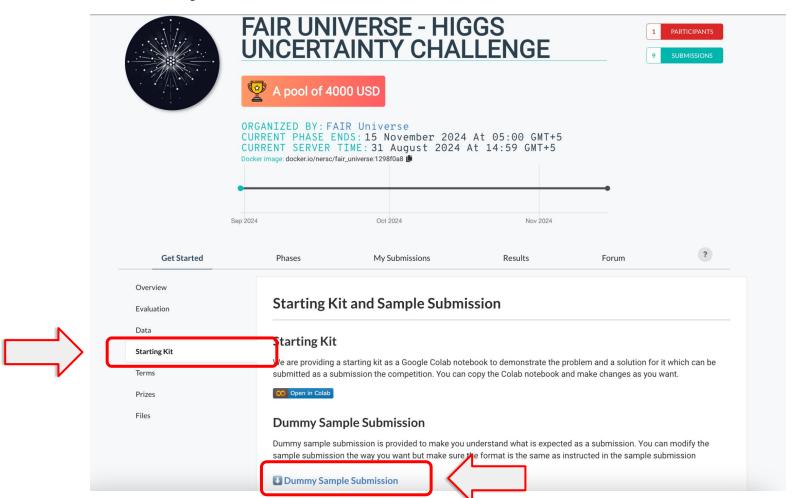
5. Check out the starting kit



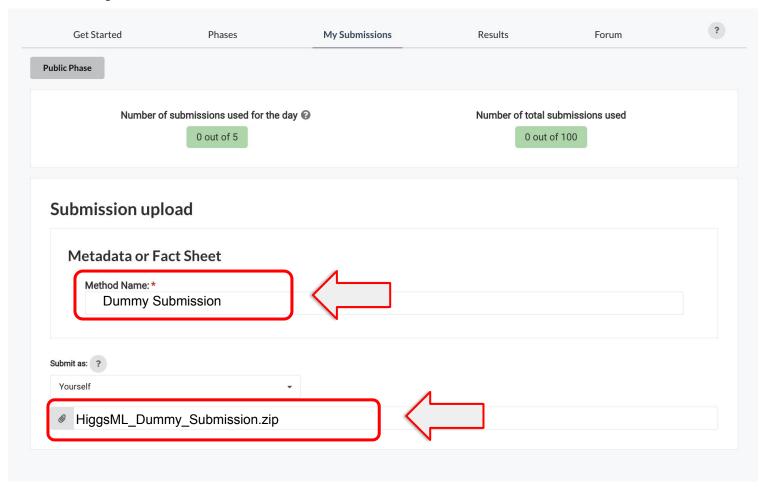
6. Starting kit as a Google Colab Notebook



7. Download Dummy Submission

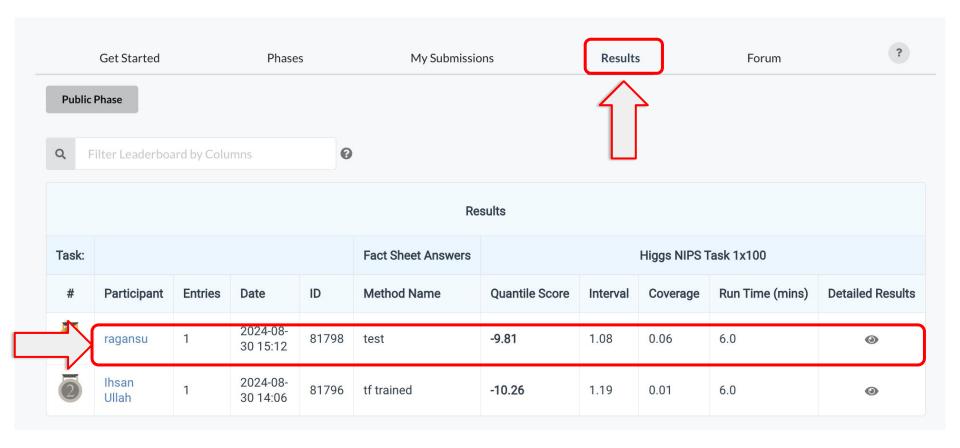


8. Submit Dummy Submission



9. Check results in the leaderboard

Updated approx once per day for full competition



10. Access Starting Kit Notebook on Github

https://github.com/FAIR-Universe/HEP-Challenge

conda	starting kit fixed, visualization error removed, systematics	2 weeks ago
docker	Move to ubuntu22.04 base	5 months ago
docs	public data link updated	3 days ago
example_submissions	updated Pytorch_model.zip	5 months ago
ingestion_program	updated histogram	2 days ago
input_data	update sample data	4 days ago
plots	update train test split +	3 weeks ago
reference_data/settings	update sample data	4 days ago
sample_code_submission	Merge pull request #102 from FAIR-Universe/READMEs	2 weeks ago
scoring_output	update results	3 weeks ago
scoring_program	updated the links	2 weeks ago
scripts	update sample data	last month
test_model	update bdt	2 days ago
🗋 .gitignore	update bdt	2 days ago
HiggsML_Dummy_Submission.zip	dummy submission updated	2 months ago
☐ README.md	docs link added in eadme	2 weeks ago
StartingKit_HiggsML_Uncertainty_Challenge	update d hist	2 days ago
Competition.yaml	name fixed	2 months ago
detailed_results.html	updated test model	4 days ago
🗋 logo.png	new competition bundle is ready	6 months ago

11. Submit Pre-Trained Models

- Use the code structure from Dummy Sample Submission
- Use Public data to train your models
- Submit your submissions with pre-trained model file included in the zip

12. Get in touch

Join #higgsml-uncertainty-challenge channel in the FAIR Universe slack workspace

https://join.slack.com/t/fairuniverse/shared_invite/zt-2dt9ovrp1-jvi0DnCK9jzL3V GrdwYNMA



https://fair-universe.lbl.gov/

