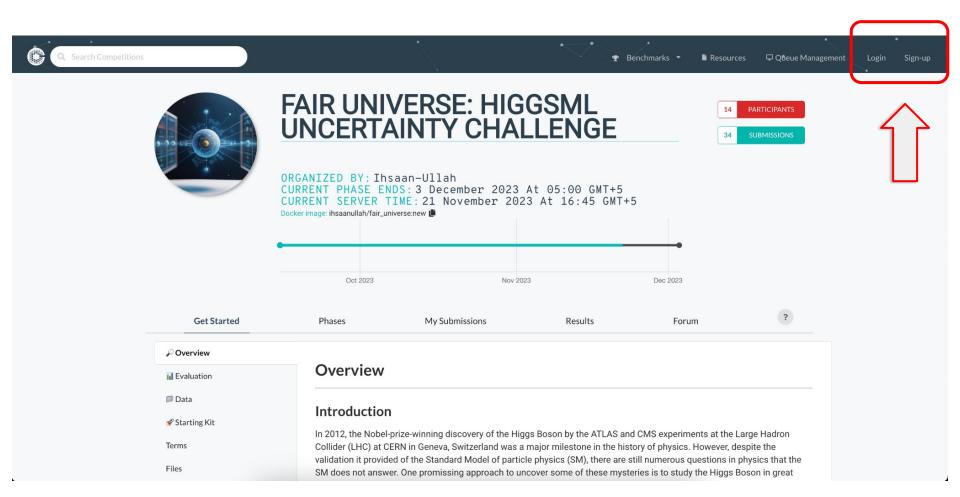




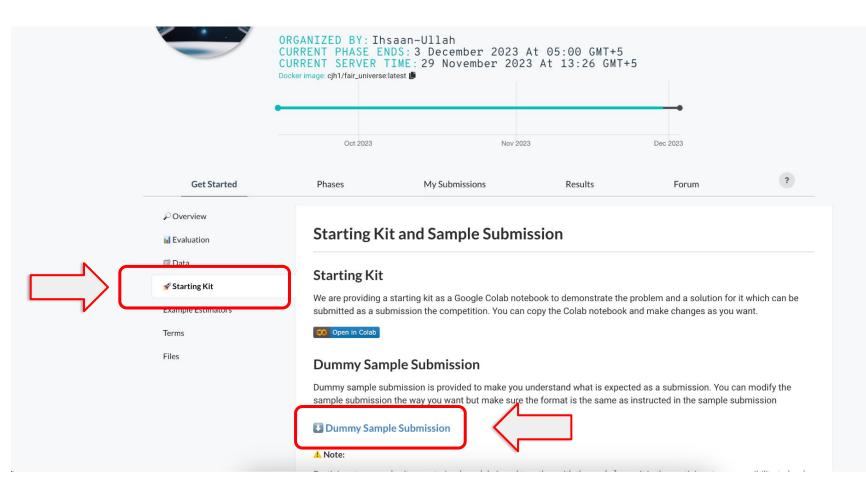
Fair Universe HiggsML Uncertainty Challenge

Codabench Tutorial

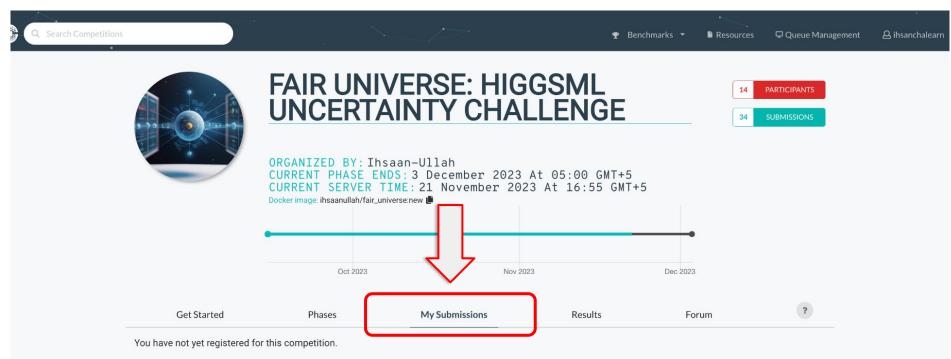
1. Login or Create Account on Codabench



2. Download Dummy Submission



3. Register in the Competition



To participate in this competition, you must accept its specific terms and conditions.

This competition **requires approval** from the competition organizers. After submitting your registration request, an email will be sent to the competition organizers notifying them of your request. Your application will remain pending until they approve or deny it.

I accept the terms and conditions of the competition.

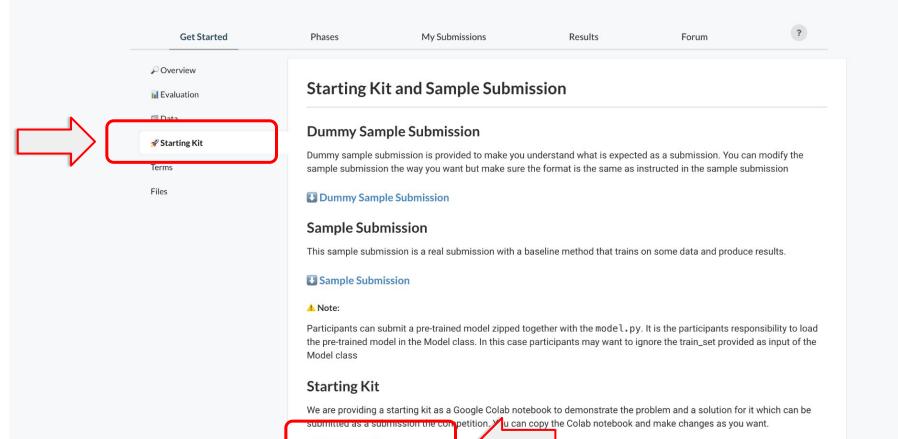
Register

4. Submit Dummy Submission

Get Started	Phases	My Submissions	Results	Forum	?
Phase 1					
Number of	submissions used for the	day	Number of total s		
Submission uplo	ad				
Metadata or Fac Method Name: * Dummy Subr					
Submit as: ? Yourself					
<i>₿</i> HiggsML_Dumr	ny_Submission.zip				

eck	resi	ults in th	e lead	derboard _{Oct 2023}	Nov 2	2023		Dec 2023	
		Get Started		Phases	My Submissions	R	Results	Forum	?
	Phase	1							*
	Q F	ilter Leaderboard b	y Columns	Ø					
					Results				Ł
	Task:				Fact Sheet Answers	wers Higgs Uncertainty Challenge			
	#	Participant	Entries	Date of last entry	Method Name	Interval	Coverage	Quantile Score	Detailed Results
>	Ō	ihsanchalearn	5	2023-11-29	DUMMY	0.0	0.0	-3.25	0
	2	ihsanchalearn	5	2023-11-29	XGB 2	0.081	0.05	-7.3	0
	3	ihsanchalearn	5	2023-11-29	XGB NLL	0.08	0.0	-7.64	۵
	4	ihsanchalearn	5	2023-11-29	1 bin NLL	0.34	0.08	-8.5	٥

6. Check out the starting kit

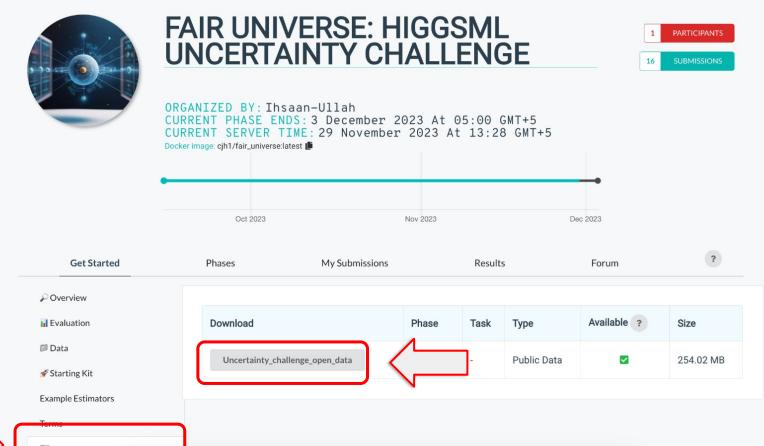


CO Open in Colab

7. Starting kit as a Google Colab Notebook

CO	StartingKit_HiggsML_Uncertainty_Challenge.ipynb File Edit View Insert Runtime Tools Help	🖙 Share 🏟 👰
	+ Code + Text A Copy to Drive	Connect 👻 🖍
		^ ↓ ⇔ 🖌 💭 盲 🕴
م	Starting Kit - FAIR UNIVERSE: HIGGSML UNCERTAINTY CHALLENGE	
{ <i>x</i> }		
6 7	For Overview and Decsiptions of the competition, please visit the competition page	
	Setup	
	Use COLAB = True if you are running this notebook in <u>Google Colab</u> , otherwise set COLAB = False	
	[] COLAB=False	1
	<pre>[] if COLAB: # clone github repo !git clone <u>https://github.com/ihsaan-ullah/fair-universe.git</u> # move to the HEP starting kit folder %cd fair-universe/Starting_Kits/HEP/</pre>	
↔ ≣	Existing Submissions	
>_	By this point you should have a clone of the repo which contains HiggsML_Dummy_Submission.zip which you can submit to the Competition	

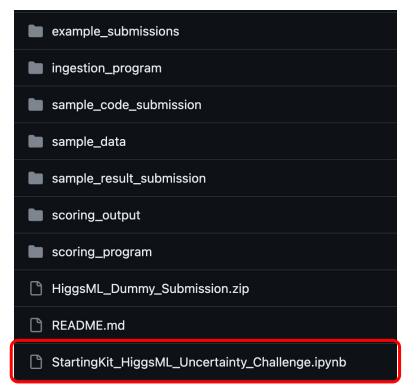
8. Get Public Data



Files

9. Access Starting Kit Notebook on Github

https://github.com/ihsaan-ullah/fair-universe/tree/master/Starting_Kits/HEP



10. Checkout example submissions

https://github.com/ihsaan-ullah/fair-universe/tree/master/Starting_Kits/HEP/example_submissions

1BinNLL.zip
Pytorch.zip
README.md
C XGB_1.zip
C XGB_2.zip
C XGB_NLL.zip

11. Code submission structure

- File name: mode.py
- Class name: Model