



UpTrain

Your Open-Source Toolkit to Improve ML Models

Problem Statement

- Finetune distilbert-base-uncased for the product and customer support team at Nike.
- Text = “Nike shoes are very [Mask].”
 - What you want: “Comfortable”, “Durable”, “Good-looking”
 - What you don’t want: “Expensive”, “Ugly”, “Heavy”, “Dirty”
- Find (or create) data-sources to fine-tune your model upon
- Define edge-cases to filter out just the necessary data
- Leverage statistical tools to visualize model health, do data cleaning etc.

How UpTrain works

https://uptrain-website.s3.us-west-1.amazonaws.com/how_uptrain_works.mp4

Evaluation Criterion [50 + 10 points]

- Model accuracy on our held-out test dataset - **10 points**
- Edge cases defined for the task - **20 points**
- Statistical measures defined for the task - **10 points**
- Quality of Data-sources used - **10 points**

Bonus [Additional 10 points]:

- Community Initiatives - **7 points**
 - Provide feedback for UpTrain Repo (Star it if you like, else fill the feedback form) - **6 points**
 - Join the discord community - **1 point**
- Code quality and documentation - **3 points**

UpTrain repo



SCAN ME

Submission Rules

- Your code (including all the data-sources, edge-cases signals, preprocessing steps etc.)
- Final model file (zip, upload to drive and share the link)
- All your analysis, comments and graphs
- Screenshots to verify community initiatives
 - github username, email, discord username etc.
 - screenshot proofs of star (or feedback form filled)

Please make all the submissions on [flipr's dashboard](#)

Rewards

- First place: **INR 7000**
- Second place: **INR 5000**
- Third place: **INR 3000**
- Honorable mention (4th to 8th place): **INR 500**
- Accelerated interview process for **internship and FTE** opportunities at [Uptrain.ai](https://uptrain.ai)
- **Certificate of participation** for everyone who achieves **5+ points**

Note: The prizes listed above are the only ones that will be awarded and there will be no additional prizes.

Questions?

- Email us on uptrain.ai@gmail.com with your queries
- DM us on discord to book a 10-mins slot