



Mini Project

NYU K12 STEM Education: Machine Learning

Department of Electrical and Computer Engineering,
NYU Tandon School of Engineering
Brooklyn, New York

- ▶ [Course Website](#)
- ▶ Instructors:



Rugved Mhatre
rugved.mhatre@nyu.edu



Akshath Mahajan
akshathmahajan@nyu.edu

Outline

1. Mini Project

Task

- ▶ **Predict Fist Weight**
- ▶ You should split the given dataset into training and validation set.
- ▶ Test set will be released on Sunday night.
- ▶ Next Monday morning: present your project and the model performance on the test set.
- ▶ Each team should present for 8-10 minutes.

Presentation Template

- ▶ Slide 1: Title and introduction
- ▶ Slide 2: Your model and loss function
- ▶ Slide 3 & 4: What is your choice of feature transformation, regularizer (Ridge/Lasso?) hyper-parameters, etc.
- ▶ Slide 5: Model performance on training and test set? Slide 6: Challenges and how you resolve them.
- ▶ Slide 7: Conclusion

Next Week

- ▶ We will cover **Deep Learning** next week!
- ▶ Have a fun weekend!
- ▶ Revise Revise Revise!