NYU

Mini Project

NYU K12 STEM Education: Machine Learning

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► Course Website

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Outline

1. Mini Project

Task

- ► **Predict Fish Weight!**
- ► You should split the given dataset into training and validation set.
- ► Test set will be released on Friday morning.
- ► Friday Afternoon: 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!