# Day 5: Mini-Project

## Summer STEM: Machine Learning

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Brooklyn, New York

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# Mini Project

- Task: Predict fish weight!
- You should split the given dataset into training and validation set.
- Test set will be released later today.
- At the end of the day: present your project and the model performance on the test set.
    - MSE and MAE
- 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

# Thank You!

- Next Week: Deep Learning
- Have a fun weekend!
- Revise Revise Revise!