



Assignments Overdue: You can still pass! Remember, you need to pass these assignments before the course ends on September 3, 11:59 PM PDT.



THIS WEEK'S FORUM

Week 1

Discuss this week's modules here.

[Go to forum](#)

ML Strategy (1)

Learning Objectives

Understand why Machine Learning strategy is important

Apply satisficing and optimizing metrics to set up your goal for ML projects

✓ [More](#)
Choose a correct train/dev/test split of your dataset

Understand how to define human-level performance

Use human-level perform to define your key priorities in ML projects

Introduction to ML Strategy

Take the correct ML Strategic decision based on observations of performances and dataset

● Why ML Strategy 2 min

● Orthogonalization 10 min

Setting up your goal

● Single number evaluation metric 7 min

● Satisficing and Optimizing metric 5 min

● Train/dev/test distributions 6 min

- Size of the dev and test sets 5 min
 - When to change dev/test sets and metrics 11 min
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Comparing to human-level performance

- Why human-level performance? 5 min
 - Avoidable bias 6 min
 - Understanding human-level performance 11 min
 - Surpassing human-level performance 6 min
 - Improving your model performance 6 min
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Machine Learning flight simulator

- 📖 Machine Learning flight simulator 2 min

- **Quiz:**
Bird recognition in the city of Peacetopia (case study) 15 questions
Due August 20, 11:59 PM PDT
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Heroes of Deep Learning (Optional)

- ▶ Andrej Karpathy interview 15 min

