



## Machine Learning for Healthcare

July 16-17, 2018

All sessions taught by [Prof. David Sontag](#) except where noted

Day 1	
9:00 am - 10:30 am	Introduction: What makes Healthcare unique?
10:30 am - 10:45 am	Break
10:45 am - Noon	Case Studies in Risk Stratification
Noon - 1:00 pm	Lunch
1:00 pm - 3:00 pm	Lab Work
3:00 pm - 3:15 pm	Break
3:15 pm - 5:00 pm	Time-Series Modeling
Day 2:	
9:00 am - 10:15 am	Predicting the Outcome of Interventions: Causal Inference from Observational Data
10:15 am - 10:30 am	Break
10:30 am - 12:30 pm	Lab Work
12:30 pm - 1:30 pm	Lunch
1:30 pm - 3:00 pm	Interpretability of Machine Learning Models
3:00 pm - 3:15 pm	Break
3:15 pm - 4:30 pm	Deploying Machine Learning in Healthcare Settings ( <a href="#">Steve Hornig</a> , Beth Israel Deaconess Medical Center)
4:30 pm - 5:00 pm	Conclusion: Where to Next?