DS/ML Class 4

**OUTLINE**

Intro

Discuss student projects/data

Titanic Project – Presentations

Titanic Project walkthrough (feature engineering, imputation)

**SLIDES** - Pandas Review

In-class Pandas Lab

**SLIDES** – Neural Network

[LUNCH]

**SLIDES** – Overfitting/Underfitting

Feature Importance

DS Template

Whiteboarding: Algorithms, DS Process, write/explain Standardization/Normalization, Bias/Variance tradeoff, Precision/Recall, GridSearch (returns?) , Nested Cross Validation

**SLIDES** – Process Walkthrough

DS in-class Lab

Class 5

Spark ML

My Projects

OPTIONAL: Scikit-Learn walkthrough (UCLA admit)