ISDS 574 Project Weekly Update (04/06 - 04/12)

Finished:

- ✓ Project Initiation
- ✓ Project Planning
- ❏ Data Preprocessing
    - ✓ Data Partition: Training set & Test set
    - ❏ Data Cleaning (link):

Output/ Not variables		
Y		
id		
Organization.Name		
CB.Rank..Company.		
Description		
Categorical Variables		
Headquarters.Location	Team 1	✓
Industry.Groups	Team 1	✓
Estimated.Revenue.Range	Team 1	✓
Founded.Date	Team 4	✓
Number.of.Employees	Team 1	✓
Number.of.Funding.Rounds		✓
Total.Funding.Amount	Team 1	✓
IPO.Status	Team 4	✓
IPO.Date		(removed)
Acquisition.Status		
Funding.Status	Team 4	✓
Last.Funding.Type	Team 4	✓
Last.Funding.Date	Team 4	✓
Numerical Variables		
Number.of.Founders		
Number.of.Investors		
Number.of.Events		

Number.of.Lead.Investors		
Number.of.Employees	Team 1	✓
Last.Funding.Amount.Currency..in.USD.	Team 4	✓
IPqwery...Total.Patents		
IPqwery...Total.Trademarks		

❏ Data Classification
    ✓ Model Selection:

Ongoing this week:

    ❏ Model Training
        ❏ Team 1: Simple/Deep Neural Network, Naive Rule
        ❏ Team 2: Classification tree, XGBoost
        ❏ Team 3: kNN,
        ❏ Team 4: Logistic Regression, Random Forest
    ❏ Model Validation
    ❏ Model Performance

Next step:

    ❏ Report/Presentation