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**Project Pre-proposal**

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INF 385T – Introduction to Machine Learning with Danna Gurari

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School of Information

**Team Members**

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**Research Ideas**

1. Modelling of financial data related to stock and ETF prices to predict future activity

<https://www.kaggle.com/borismarjanovic/price-volume-data-for-all-us-stocks-etfs>

<https://www.kaggle.com/dgawlik/nyse>

1. Predicting final case status of H1b applications

<https://www.kaggle.com/trivedicharmi/h1b-disclosure-dataset>

1. Using Zillow provided dataset, predicting the difference between the Zillow estimate for a property versus the actual sale price

<https://www.kaggle.com/c/zillow-prize-1>

1. Predicting market value of soccer players based on their statistics and popularity

<https://www.kaggle.com/mauryashubham/english-premier-league-players-dataset/data>

1. Classifying adverse reactions to food based on historical medical events

<https://www.kaggle.com/fda/adverse-food-events/data>