Num Comp Spring 2022 Project

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Python Scikit Learn Package

- Provides models for machine learning and prediction.

- Tools: Classification, Regression, Clustering, Dimensionality Reduction, Model Selection, Preprocessing.

- Using Regression models predict the data

- Application Example: Stock prices, drug response etc.

Julia MLJ Package

- Machine Learning Framework for Julia.

- Provides tools for selecting, tuning, evaluating and composing machine learning models.

- Released under the MIT licensed and sponsored by the Alan Turing Institute.

Project Idea

- Preform tests on prediction if a text message is a spam or real message.

- "Spam Or Ham".

- Using linear regression run prediction.

- Run tests and average the accuracy score.

- Compare and contrast performance of the two packages.