Consistency of Machine-Learning Frameworks’ Implementations: Report

Team: team 13  
Student IDs: 14311128  
Total Time Required (in hours):

# Findings/Answer (200-300 words)

# Additional Information

If you feel that any additional information is needed to understand your work, please provide it here.

# Data, Algorithms, etc.

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| --- | --- |
| **Framework 1** | scikit-learn |
| **Framework 2** | Tensorflow |
| **Framework 3** | mlExtend |
| **Algorithm 1** | Linear Regression |
| **Algorithm 2** | Logistic Regression |
| **Algorithm 3** | Support Vector Machine Classification |
| **Dataset 1** | NY Taxis |
| **Dataset 2** | Skin not Skin |
| **Metric 1** | Accuracy |
| **Metric 2** | Mean Square Error |
| **Split Method 1** | 70/30 |
| **Split Method 2** | 10-fold |

# Contributions (max. 200 words)

Gordon Hind (14311128): Tensorflow algorithms for Linear Regression and Suppot Vector Machine Classification. Helped write the report.