

Data Science Project Showcase:

1. Application for Returning the Current Weather
 - a. This application returns current weather data for any location specified by the user.
2. Application for Sorting Biological Data
 - a. This application sorts data in chromatography files specified by the user and outputs the data as graphs of protein concentration over time.
3. Regression Model for Predicting Vehicle CO2 Emissions
 - a. This model predicts the amount of CO2 emissions from new motor vehicles to ensure government compliance.
4. Logistic Model for Predicting Late E-Commerce Deliveries
 - a. This model identifies which deliveries from an online retailer will be late so the retailer can remedy the problem accordingly.
5. Image Classifier to Identify Written Numbers
 - a. This classifier identifies the names of written numbers as a type of machine-learning-driven OCR (optical character recognition).
6. Airline Executive Summary Detailing a Campaign
 - a. This summary presents a proposal to executives of an airline to adopt a PR campaign that would alleviate negative press caused by a crash.
7. Application for Parsing Emails in HTML
 - a. This application converted emails in HTML format to readable text then sorted each by email part (from, to, title, etc).
8. Regression Model for Predicting New Movie Ratings
 - a. This model predicts the IMDb rating for new films allowing directors to focus on films predicted to be good ones.
9. Random Forest Model for Predicting Heart Disease Risk
 - a. This model predicts which patients will develop heart disease within a certain time frame to save lives and reduce diagnosis costs.
10. To be completed by June 2022.