Josh Atchley

CS 290

2/15/17

CS 290 How to Guide Proposal

I will be demonstrating how to create a basic web app that utilizes the Google Prediction API to analyze data using a custom data model. The how-to will quickly go over how to get started with a Google API developer account, how to integrate the API into a web app, then dive straight in to using the API for data analytics and display purposes. The guide will be using a categorical model for training and testing the Prediction API. The web app guide will involve sending model data using a couple of methods (CSV files and HTTPS calls), how to format the data for the API to use, and returning the analyzed data from the API for display on the page. The guide will also include some help for particularly tricky problems I run into, as well as potential next steps for taking the basic app to a more sophisticated level.