Readme Introduction

This is a guide for how to set up your readme for you IronHack Application

1. Name of your Application

Collin’s Fresh Veggies

2. Keywords

quantity, price, maps, locations, climate, temperature

3. Description of the datasets and function design

\* [name] [link] [data type] [data columns used] [data amount] Please provide a name+link+basicInfo to each dataset you have used.

[Monthly Summaries Station Details] [http://www.ncdc.noaa.gov/cdo-web/datasets/GHCNDMS/stations/GHCND:USC00129430/detail] [The data type for this dataset are numbers that represent temperatures] [The columns that I will be using are the mean max temperature and the mean min temperature] [I will be using these columns to show the viewer when the best time is to get vegetables]

[Fruit and Vegetable Prices] [http://www.ers.usda.gov/data-products/fruit-and-vegetable-prices.aspx] [The data type will be prices of the vegetables] [Basically, the dataset shows different the national average prices of fruits and vegetables]

\* [Y/N] Do you use the primary dataset “online climate data” from data.gov?

I use the online climate data link that was given to us in one of the project details documents, but it does not take me to data.gov but to ncdc.noaa.gov which gives valuable information.

\* [Y/N] [List] Are all these datasets from data.gov? If not, where are they coming from (links)?

No, one dataset is from data.gov and the other one is from ncdc.noaa.gov.

The link to the dataset that I will be using is <http://www.ncdc.noaa.gov/cdo-web/datasets/GHCNDMS/stations/GHCND:USC00129430/detail>

You then have to navigate down to change to the year you would like.

4. Brief Description

My initial plan for my project is to display information for the viewer to see the national average price of typical vegetables that most people consume, and show the locations of the local grocery stores by using Google Maps. Also, I will depict the changing temperatures of the months in the West Lafayette area to show when consumers should go buy vegetables.

Fill in the structured description:

\* Map View:

1. [Y/N] Basic Map with specific location (your map is located in a meaningful place, city of West Lafayette for example)

Yes

2. [Y/N] Markers for location of markets

Yes

3. [Y/N] Labels for markets' names

Yes

4. [Y/N] InfoWindow to show detail information of a market

No

5. [Y/N] [describe] Any other cover on the map (for example, cloud cover to show the weather effect)

No

\* Data Visualization:

1. [Y/N] [describe] Use Graph? What is the type? (bar chart, pie chart, radar chart ...)

Yes, the graph I will use is a bar chart.

2. [Y/N] [List] Any interaction available on the graph? List them (enable click on numbers, drag on lines, change time/variables ...)

There will be no interaction with the graph.

\* Interaction Form:

1. [Y/N] [List] Any information output? list them. (text field, text area, label, plain HTML ...)

No

2. [Y/N] [List] Any operation option (filters)? List them. (search markets, search vegetables, filter based on price, sort based on convenience ...)

No

3. [Y/N] [List] Any information input? List them. (comments, markers, user preference ...)

No

4. [Y/N] [List] Interaction with Map? List them. (filter on price will affect map markers, sort on price will affect map markers, ...)

No

5. [Y/N] [List] Interaction with data visualization? List them. (filter, sort, set variables ...)

No

5. Build Case

How can we build and access your project on a Linux/Unix machine if you use external dependencies besides HTML/CSS/Javascript?

List the dependencies you used, such as python, node.js, etc.

List the steps we should follow to build the project.

Your project will be built on Amazon Web Service, EC2, ubuntu 14.01 instance

I believe you mentioned that we could skip this one.

6. Test Case

Which browsers did you test your project on? Chrome, IE, Edge, Safari, or Firefox?

Chrome, Firefox

7. Additional information You Want to Share with Us

E.g. any problems you faced/fixed, where you reached out to for help, etc.

The biggest problem I have had so far is trying to figure out the best way to use the dataset information in a depiction of graphs or visualizations.