**READ ME:**  
  
The following project was completed using:  
Python 3.0 in Jupyter   
Word 365  
PostgreSQL (Storing the initial data set before importing to Python)  
  
To replicate the results and run the code you will need to use the data set provided in the same zip file as this document “football\_data.csv”  
  
The follow libraries are either imported publicly from Python using Pip install or pull from functions that were build and live inside the .py files that are also attached in the is project.

**Packages Used:**  
pandas  
numpy   
array   
csv  
time   
matplotlib.pyplot   
matplotlib.patches a  
sklearn

**# Custom Built Functions**

import poisson\_dist as p # From a seperate .py file

import poisson\_score as ps # From a seperate .py file

import Visuals as vs # From a seperate .py file

import train\_test as tt # From a seperate .py filemport

import train\_graph as tg # From a seperate .py file