Test-2

Packages that have been used in Python 3.5:
Numpy 1.15.2
Pandas 0.23.4
Matplotlib 2.1.1
Scikit-learn 0.19.2
Psycopg2 2.7.5
Redis 2.10.6

Files in the repository:

1. **Database:** It creates a postgresql database and load the pokemon.xslv file into it.
2. **Classification:** It contains the python code to load dataset from postgresql database and then the modeling and computation is done on it to predict the legendary pokemon in the form of 0 (False) & 1 (True) and store the value of true positive rate, false negative rate and precision into redis database. An ROC curve is also plotted.

How to Run?

1. Setup and install postgresql database.
2. Run file database.py
3. Execute file classification.py

Comments have been added in the code itself.

The task is completed as per the instructions with full functionalities.