Github Submissions

yogeshhk yahoo\_email WoodG

# How to submit new code folder?

* Do NOT create any new Repository under yogeshhk account
* Pycharm: Choose VCS | Import into Version Control | Share Project on GitHub.
* Have PyCharm github login credentials and git.exe path set in Settings dialog
* VCS->Import into version control->Share publish on Github (creates new repository also)
* Create Readme.md by copying the template from other submissions
* Pycharm <Project> MB3-> Git->Commit Directory

# Satark

D:\Yogesh\ToDos\Learning\Python\GithubSubmissions\Satark

*#APIKEY = '891449f31d67470d7a8d6966918c81b6'*

Requirements:

* Problem Statement: Predicting susceptibility of Landslides
* Locations.csv has list of susceptible locations. It has name, latitude, longitude and source as columns. For now, first three columns are useful
* Program calls rainfall forecast for each location using ForecastIO free APIs
* Location are marked on Google map using pygmaps.
* If a threshold rainfall is crossed at a location, it is marked red else blue

Dependencies:

* Needs Python 2.7
* ForecastIO: <https://github.com/ZeevG/python-forecast.io>
* pygmaps: <https://code.google.com/archive/p/pygmaps/downloads>

How to Run:

* Open account at ForecastIO and get the API key.
* Put it in environment variable FORECASTIO\_APIKEY
* Run the yhkForecastIOPlot.py
* It creates yhkLandslides.html and opens it in a browser

Disclaimer:

* Author ([yogeshkulkarni@yahoo.com](mailto:yogeshkulkarni@yahoo.com)) gives no guarantee of the results of the program. It is just a fun script. So, don’t depend on it at all.