Identification of Crime Prone Areas

Technical Manual

by

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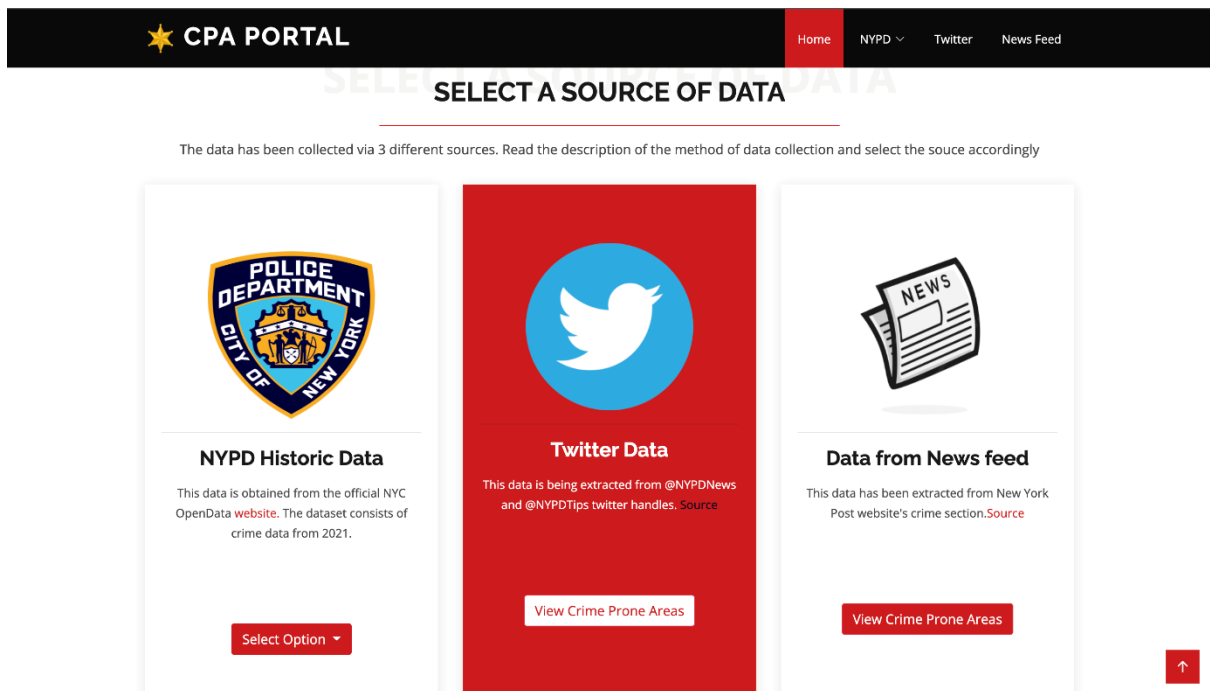
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Introduction

Crime Prone Areas is a web-based application that visualizes crime prone areas in the city New York

Features

- Identify the crime prone areas by analysing the historic data from emergency services

- Help the authorities continually identify areas prone to crimes and policing-related

  incidents.

- Visualize latest activities in New York using tweets and News feed

Installation

Requirements
- Python 3.3+
- macOS or Linux (Windows not officially supported, but might work)

Setup

- clone the repo: *git clone https://github.com/shubhamB25/FY-Project*

- Download the required datasets from this link

- Move the download folder inside the **finalyearproject** folder in the cloned repository

- Create a virtual environment (recommended)

  python3 -m venv /path/to/new/virtual/environment

- Install required python packages from the requirements file using terminal inside the cloned repository

  pip install -r requirements.txt

- Run the Django server by running the following command inside the **finalyearproject** directory

  python3 manage.py runserver

Tech **Stack**

- Python
- Django
- HTML CSS
- JavaScript