

Mohammed Amir Kalam
Rockborne
Python Module

Real Estate Crime Data Analysis Read Me file

Project Overview

This project involves an Exploratory Data Analysis on UK police open-source crime data to evaluate how regional crime patterns affect real estate desirability and investment potential.

Project Files

Crime_Data – Folder containing all the raw data

Data_Preprocessing.ipynb – The file you need to clean raw data

MohammedAmirKalam_EDA.ipynb – The file you need to access the Data Analysis

MohammedAmirKalam_FC_Trello – The file containing flow chart and Trello

UK Crime Data Exploratory Data Analysis for Real Estate.pdf – The file containing the Project Statement of Work

Requirements

Ensure you have Python Installed with the following libraries:

- Pandas
- Numpy
- Matplotlib
- Seaborn
- Folium
- Pathlib

Ensure you have access to Jupyter Notebook

Executing the file

1. Download the Crime_Data folder
2. Open Data_Preprocessing.ipynb and insert the Crime_Data folder
3. Run the Data Preprocessing
4. Once done, Open the MohammedAmirKalam_EDA.ipynb and run the cells to assess the analysis

GitHub Link: <https://github.com/Amz03/Real-Estate-Crime-Stats>