Singapore Resale Flat Prices Prediction
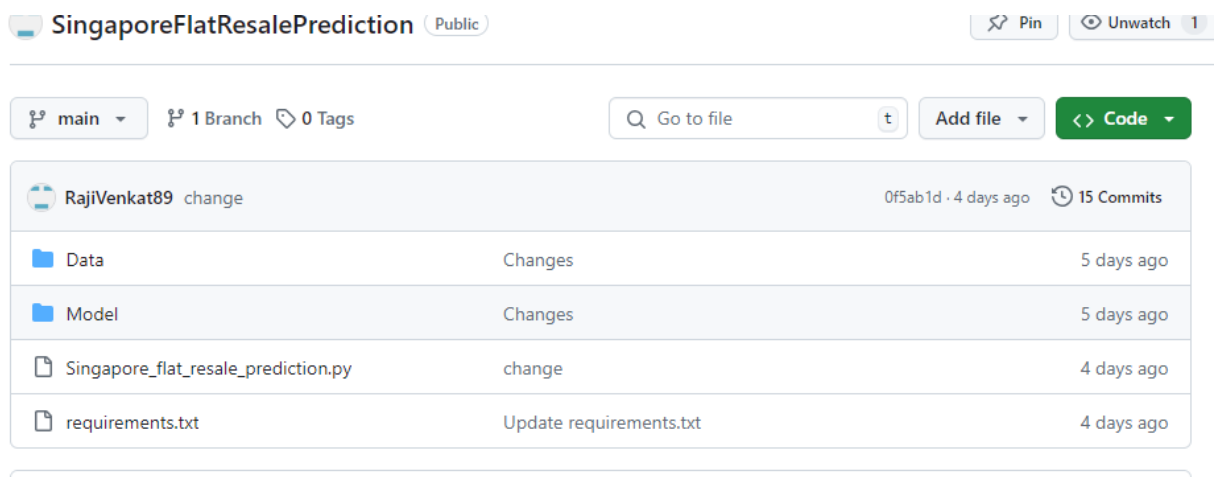
This is the documentation for using the Streamlit Application

Application Link (Deployed on Render):

Link: https://singaporeflatresaleprediction-2.onrender.com//

Using the Application:

1. Firstly, download all the respective files in the main branch on the github repository.

2. Now, install all the python packages that are present in the requirements.txt.

3. Now, open Singapore_flat_resale_prediction.py file and run the command "Singapore_flat_resale_prediction.py" in the terminal of your Python IDE.

Note: The above steps are for those who want to setup and run the Application locally in their PC. The next steps will be same for both the people who want to run the application locally and for those who clicked the above link to open the application online on their web browser.

1. Now after running the command "streamlit run main.py" locally or clicking the application link given above to open the application on web browser, the below interface will be visible to all.

SINGAPORE FLAT RESALE PREDICTION

Welcome!!!

Registration Year		Registration Month	
1990	⌄	1	⌄

Lease Year		Town	
1990	⌄	ANG MO KIO	⌄

StreetName		Block	
ADMIRALTY DR	⌄	1C	⌄

Storey Range		Flat Type	
01 TO 03	⌄	1 ROOM	⌄

Flat Model		Floor Area(in Sqm)	
2-ROOM	⌄		

PREDICT RESALE PRICE

- To predict the resale price of a Singapore Flats, follow these steps:
  Fill in the following required information:
  - Registration Year
  - Registration Month
  - Lease Year
  - Town
  - StreetName
  - Block
  - Storey Range
  - Flat Type
  - Flat Model
  - Floor area (Sqm)

- Click the **"PREDICT RESALE PRICE"** button.

- The app will display the predicted resale price based on the provided information.

Welcome!!!

Registration Year		Registration Month	
1990	⌄	1	⌄

Lease Year		Town	
1990	⌄	ANG MO KIO	⌄

StreetName		Block	
ADMIRALTY DR	⌄	1C	⌄

Storey Range		Flat Type	
01 TO 03	⌄	1 ROOM	⌄

Flat Model		Floor Area(in Sqm)	
2-ROOM	⌄	45	

PREDICT RESALE PRICE

RESALE VALUE: 7327.27