**House Rent Prediction Analysis**

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**Outline:**

* Examine different potential factors on the Indian house rental prices

**Questions:**

* How important is house size for determining the rental price?
* Does the area type affect the rental price?
* How much does city/location affect the price?
* How much does the furnishing status affect the price?
* How does the point of contact affect the price?
* Does the number of bathrooms affect the price?
* How does the local climate affect prices? \* (Might change this - How does distance from airport affect prices? or, How does population affect prices?)

**Datasets:**

House Rent Prediction Dataset:

* A dataset obtained from Kaggle, containing information on rental properties within India (URL: https://www.kaggle.com/datasets/iamsouravbanerjee/house-rent-prediction-dataset)

OpenWeather API:

* API used to obtain weather data for locations - in order to determine the impact of weather on rental property prices (URL: https://home.openweathermap.org/)

**Breakdown of tasks:**

* Reading the csv file using Pandas
* Cleaning the data
* Sorting the data
* Retrieving data from Open Weather API
* Plot the data using matplotlib
* Statistical analysis using SciPy
* GitHub maintenance
* Present findings