

Documentation: Team Konoha

- **“/realestateStatistics”**: Allows user to get a list of all real estate agents in Melbourne from best performing to worst.
- **“/suburbs/averagePrice”**: User wants to check the average price of suburbs in all Melbourne. They will be returned a list containing each suburb in Melbourne with the median house price next to it.
- **“/suburbs/averagePrice/<string:suburb>”**: Median house price for a specific singular suburb.
- **“/crimes”**: Will give the user the an object containing total number of crimes in Melbourne and a listing of all crimes by their offence division and occurrence (for example, burglary: 13).
- **“/crimes/<int:postcode>”** : Provided a valid postcode a user can get a summary of the crime in this postcode.
- **“/crimes/<string:suburb>”** : Provided a valid suburb a user can get a summary of the crime in this suburb. Grouped by the count of each offence division.
- **“/schools/<string:suburb>”**: Listing of all schools in the specified suburb.
- **“/crimes/timeline/<string:suburb>”**: Line graph representation of total number of crimes committed in the specified suburb over a given number of years
- **“/predictions/<distance>?prop_type=<string>”**: Provided a distance from the Melbourne CBD, a user can get a prediction of the price.
- **“/dashboard/”**: The endpoint provides analytics for users to access the analytics for the other endpoints and api.
- **“/suburbs/landprice?suburb=<query>”**: If suburb is passed as a query to the url, provides the average price of land per square meter in that suburb; otherwise provides the average price of land per square meter for all of Melbourne.
- **“/schools/ranking/<string:council>?average=”**: Provided a valid council, user can get the list of schools and their ranking in that council area. If an optional argument average is provided then provides the average ranking of all schools in that particular council area
- **“/schools?start=<int>&limit<int>”**: Provides all list of schools. Provides the pagination functionality by having the option to provide starting index and number of results needed as an argument
- **“/suburbs/graph/<string:suburb>”**: Returns a housing pie chart of the count of houses, units and town-houses by suburb input.
- **“/schools/graph/<string:suburb>”**: Returns a stacked bar chart of a count of school types e.g. primary, secondary aggregated by education sectors e.g. government, independent, catholic.