**Data Dictionary**

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| **Column Name** | **Data Type** | **Description** |
| Id | Integer | The unique identifier for each HDB unit sold |
| Tranc\_YearMonth | Object | Year and month of the resale transaction, e.g. 2015-02 |
| town | Object | HDB township where the flat is located, e.g. BUKIT MERAH |
| flat\_type | Object | Type of the resale flat unit, e.g. 3 room |
| block | Object | Block number of the resale flat, e.g. 454 |
| street\_name | Object | Street name where the resale flat resides, e.g. Tampines st 42 |
| storey\_range | Object | Floor level (range) of the resale flat unit, e.g. 07 to 09 |
| floor\_area\_sqm | Float | Floor area of the resale flat unit in square metres |
| flat\_model | Object | HDB model of the resale flat, e.g. Multi Generation |
| lease\_commence\_date | Integer | Commencement year of the flat unit's 99-year lease |
| resale\_price | Integer | The property's sale price in Singapore dollars. This is the target variable that you're trying to predict for this challenge. |
| Tranc\_Year | Integer | Year of resale transaction |
| Tranc\_Month | Integer | Month of resale transaction |
| mid\_storey | Integer | Median value of storey\_range |
| lower | Integer | Lower value of storey\_range |
| upper | Integer | Upper value of storey\_range |
| mid | Integer | Middle value of storey\_range |
| full\_flat\_type | Object | Combination of flat\_type and flat\_model |
| address | Object | Combination of block and street\_name |
| floor\_area\_sqft | Float | Floor area of the resale flat unit in square feet |
| price\_per\_sqft | Float | Price per square foot of the resale flat unit |
| hdb\_age | Integer | Number of years from lease\_commence\_date to present year |
| max\_floor\_lvl | Integer | Highest floor of the resale flat |
| year\_completed | Integer | Year which construction was completed for resale flat |
| residential | Object | Boolean value if resale flat has residential units in the same block |
| commercial | Object | Boolean value if resale flat has commercial units in the same block |
| market\_hawker | Object | Boolean value if resale flat has a market or hawker centre in the same block |
| multistorey\_carpark | Object | Boolean value if resale flat has a multistorey carpark in the same block |
| precinct\_pavilion | Object | Boolean value if resale flat has a pavilion in the same block |
| total\_dwelling\_units | Integer | Total number of residential dwelling units in the resale flat |
| 1room\_sold | Integer | Number of 1-room residential units in the resale flat |
| 2room\_sold | Integer | Number of 2-room residential units in the resale flat |
| 3room\_sold | Integer | Number of 3-room residential units in the resale flat |
| 4room\_sold | Integer | Number of 4-room residential units in the resale flat |
| 5room\_sold | Integer | Number of 5-room residential units in the resale flat |
| exec\_sold | Integer | Number of executive type residential units in the resale flat block |
| multigen\_sold | Integer | Number of multi-generational type residential units in the resale flat block |
| studio\_apartment\_sold | Integer | Number of studio apartment type residential units in the resale flat block |
| 1room\_rental | Integer | Number of 1-room rental residential units in the resale flat block |
| 2room\_rental | Integer | Number of 2-room rental residential units in the resale flat block |
| 3room\_rental | Integer | Number of 3-room rental residential units in the resale flat block |
| other\_room\_rental | Integer | Number of "other" type rental residential units in the resale flat block |
| postal | Object | Postal code of the resale flat block |
| Latitude | Float | Latitude based on postal code |
| Longitude | Float | Longitude based on postal code |
| planning\_area | Object | Government planning area that the flat is located |
| Mall\_Nearest\_Distance | Float | Distance (in metres) to the nearest mall |
| Mall\_Within\_500m | Float | Number of malls within 500 metres |
| Mall\_Within\_1km | Float | Number of malls within 1 kilometre |
| Mall\_Within\_2km | Float | Number of malls within 2 kilometres |
| Hawker\_Nearest\_Distance | Float | Distance (in metres) to the nearest hawker centre |
| Hawker\_Within\_500m | Float | Number of hawker centres within 500 metres |
| Hawker\_Within\_1km | Float | Number of hawker centres within 1 kilometre |
| Hawker\_Within\_2km | Float | Number of hawker centres within 2 kilometres |
| hawker\_food\_stalls | Integer | Number of hawker food stalls in the nearest hawker centre |
| hawker\_market\_stalls | Integer | Number of hawker and market stalls in the nearest hawker centre |
| mrt\_nearest\_distance | Float | Distance (in metres) to the nearest MRT station |
| mrt\_name | Object | Name of the nearest MRT station |
| bus\_interchange | Integer | Boolean value if the nearest MRT station is also a bus interchange |
| mrt\_interchange | Integer | Boolean value if the nearest MRT station is a train interchange station |
| mrt\_latitude | Float | : latitude (in decimal degrees) of the the nearest MRT station |
| mrt\_longitude | Float | Longitude (in decimal degrees) of the nearest MRT station |
| bus\_stop\_nearest\_distance | Float | Distance (in metres) to the nearest bus stop |
| bus\_stop\_name | Object | Name of the nearest bus stop |
| bus\_stop\_latitude | Float | Latitude (in decimal degrees) of the the nearest bus stop |
| bus\_stop\_longitude | Float | Longitude (in decimal degrees) of the nearest bus stop |
| pri\_sch\_nearest\_distance | Float | Distance (in metres) to the nearest primary school |
| pri\_sch\_name | Object | Name of the nearest primary school |
| vacancy | Integer | Number of vacancies in the nearest primary school |
| pri\_sch\_affiliation | Integer | Boolean value if the nearest primary school has a secondary school affiliation |
| pri\_sch\_latitude | Float | Latitude (in decimal degrees) of the the nearest primary school |
| pri\_sch\_longitude | Float | Longitude (in decimal degrees) of the nearest primary school |
| sec\_sch\_nearest\_dist | Float | Distance (in metres) to the nearest secondary school |
| sec\_sch\_name | Object | Name of the nearest secondary school |
| cutoff\_point | Integer | PSLE cutoff point of the nearest secondary school |
| affiliation | Integer | Boolean value if the nearest secondary school has an primary school affiliation |
| sec\_sch\_latitude | Float | Latitude (in decimal degrees) of the the nearest secondary school |
| sec\_sch\_longitude | Float | Longitude (in decimal degrees) of the nearest secondary school |