RentingOutofFlats2025.csv

Column Name	Data Type	Format	Field Size	Description	Example
rent_approval_date	Date	DD/MM/YYYY	10 characters	Date when the rental was approved	1/1/2021
town	String	Text	Up to 30 characters	Town or district where the rental unit is located	ANG MO KIO
block	Integer	Whole number	3-4 digits	Block number of the rental unit	105
street_name	String	Text	Up to 50 characters	Name of the street where the rental unit is situated	ANG MO KIO AVE 4
flat_type	String	Text	Up to 15 characters	Type of HDB flat (e.g., 2-Room, 3-Room, Executive)	4-ROOM
monthly_rent	Integer	Whole number	4 digits	Monthly rental amount in SGD	2000
region	String	Text	Up to 20 characters	Geographic region within Singapore	north-east
latitude	Float	Decimal (up to 10 dp)	N/A	Latitude coordinate of the rental property	1.383825129
longitude	Float	Decimal (up to 10 dp)	N/A	Longitude coordinate of the rental property	103.8375377

RentingOutofFlats2025 – Contains rental approval data, including town, street name, flat type, and rental amounts. It also provides geographic coordinate.Dataset is valuable for multiple analyses, especially in housing trends, rental market studies, and geospatial mapping. Data collected from year 2021 to 2025 s (latitude/longitude) for each rental unit. Total number of records: 155464

mrt_station.csv

Column Name	Data Type	Format	Field Size	Description	Example
mrt_name	String	Text	Up to 50 characters	Official name of the MRT station	*EUNOS MRT STATION*
stop_id	String	Alphanumeric	5-7 characters	Unique identifier for the MRT stop	*EW7*
line	String	Text (short code)	2-5 characters	MRT line code indicating which transit line the station belongs to	*EW*
longitude	Float	Decimal (up to 10 decimal places)	N/A	Geographical longitude coordinate of the station	*103.9032525*
latitude	Float	Decimal (up to 10 decimal places)	N/A	Geographical latitude coordinate of the station	*1.319778952*
town	String	Text	Up to 30 characters	The town or district where the MRT station is located	*GEYLANG*
region	String	Text	Up to 20 characters	The broader geographic region of Singapore where the station is situated	*CENTRAL REGION*

This Dataset provides information about MRT stations across Singapore, useful for analyzing transport accessibility relative to rental properties

Here's a simplified explanation of your **rental dataset's data dictionary**:

Column Name → The name of each field in the dataset.

Data Type → Defines the type of data (e.g., text, numbers, dates).

Format → Specifies how the data should appear (e.g., YYYY-MM-DD for dates).

Field Size → Indicates character limits or number ranges (e.g., town names up to 30 characters).

Description → Explains what each column represents (e.g., monthly_rent is the rent amount in SGD).

Example → Shows sample values for clarity (e.g., *Ang Mo Kio* , *2000 SGD*).

monthly household income.csv

Column Name	Data Type	Format	Field Size	Description	Example
year	Integer	YYYY	4 digits	The year the income data corresponds to	2024
average	Integer	Whole number	4-5 digits	The average monthly household income in Singapore for that year	11382
median	Integer	Whole number	4-5 digits	The median monthly household income in Singapore for that year	8391

This dataset captures trends in household income in Singapore, helping to evaluate economic conditions and rental affordability. The data collected is based from year 2000 to 2024

Here's a simplified breakdown of your **data dictionary**:

Column Name → The name of the data field (e.g., mrt_name, latitude).

Data Type → The type of information stored (e.g., text, numbers, decimals).

Format → The expected data structure (e.g., text, alphanumeric, decimal places).

Field Size → The limit on characters or number precision (e.g., 50 characters for names).

Example → A sample value demonstrating the expected format (e.g., *EUNOS MRT STATION* for mrt_name).

street_coordinates.csv

Column Name	Data Type	Format	Field Size	Description	Example
street_name	String	Text	Up to 50 characters	Official name of the street or road	*ANG MO KIO AVE 1*
latitude	Float	Decimal (up to 10 decimal places)	N/A	Geographical latitude coordinate of the street	*1.3642123*
longitude	Float	Decimal (up to 10 decimal places)	N/A	Geographical longitude coordinate of the street	*103.8437544*

This dataset maps street locations across Singapore, useful for geospatial analysis and determining proximity to key infrastructure

Here's a simplified breakdown of your **street coordinates data dictionary**:

Column Name: The title of each column in the dataset.
Description: A brief explanation of what the data in each column represents.
Data Type: Defines what kind of data is stored—Text for street names, Float (decimal number) for coordinates.
Format: Specifies how the data should appear—Text as words, coordinates as numbers with 7-9 decimal places.
Example: A real-world sample of how the data should look.