

Porto Parking Data

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|---------------|-----------------------------------|
| Start Date | 2022-12-06 15:00:00 |
| End Date | 2023-03-02 23:59:00 |
| N. of Entries | Depends on file (see description) |

Origin

This dataset is related to the counting of available (or occupied) parking places with respect to the total parking availability in several Parking garages in the City of Porto. This data is collected from park managers and presented here as a total of available (or occupied) parking spot, per parking, measure at periods of 5 minutes.

Data Dictionary

| Name | Description | Type | Default | Example |
|------------------|---|------------------------|---------|---------------------|
| updated_at | Data of beginning of measuring period | Datetime | null | 2019-01-01 00:00:00 |
| description | (for some) Description of type of parking tickets | Fixed List (see notes) | null | Avençados |
| total_spaces | Total number of parking places, per ticket type. If no ticket is specified, then it reflects all. | Integer | null | 480 |
| available_spaces | Number of available parking places in measuring period, per ticket type. If no ticket is specified, then it reflects all. | Integer | null | 204 |
| occupied_spaces | Number of occupied parking places in measuring period, per ticket type. If no ticket is specified, then it reflects all. | Integer | null | 100 |

Info

- Some parking garages include data related to ticket type; the possibilities are:
 - Av. 48 Horas – 48 Hours ticket
 - Av. 72 Horas – 72 Hours ticket
 - Av. Comerciante – Shop/Retail Subscription
 - Av. Público – Normal Subscription
 - Av. Residente – Resident Subscription
 - Gestão S.O.S – Not Relevant
 - Gratuito Eventos – Event Parking Reservations
 - Pesado Passageiros – Not Relevant
 - Reservado 1 – Other reservations
 - Reservado 2 – Other reservations
- Each parking might use a counting system based on occupied or available parking places.
- Parking garages with ticketing can sometimes have different values for total space, those are always in relation to the ticketing offer. The max value should reflect the total available parking spaces.
- Some parking garages datasets have data starting and ending earlier than the common period.
- The locations of the Parking Garages are:
 - Loulé – 41.142393, -8.607029
 - Trindade – 41.151010, -8.609530
 - Cardosas – 41.145237460746785, -8.611844260857717
 - Casa da Musica - 41.1592891572024, -8.630410187846351
 - Palacio da Justiça – 41.144814340883315, -8.61779807435237
 - Praça Lisboa – 41.146089775966836, -8.614577447363112
 - Ribeira - 41.1411017674594, -8.615051501341755