

You are given two datasets: **venues** and **bills**. Each record in the **bills** dataset represents a bill generated for customers, as recorded by the TouchBistro (TB) POS system. The TB POS system captures detailed information about customer orders, including the total amount billed, taxes, discounts, gratuities, and other payment details.

## Venues

This dataset contains information about various venues, including the following fields:

- **venue\_xref\_id**: Unique identifier for the venue.
- **city**: The city where the venue is located.
- **concept**: The type or category of the venue, reflecting its primary theme or service style (e.g., BAR, FINE DINING, CAFE, BREWERY).
- **country**: The country where the venue is located.
- **start\_of\_day\_offset**: The starting hour of the business day (e.g., 05:00:00).

**Note:** All columns except **venue\_xref\_id** may contain missing values.

## Bills

This dataset contains details about each bill, including the following fields:

- **bill\_paid\_at\_local**: Datetime when the bill was paid, in the venue's local timezone.
- **bill\_total\_billed**: Total amount billed, including tax.
- **bill\_total\_discount\_item\_level**: Total discount amount applied to the bill.
- **bill\_total\_gratuity**: Total gratuity paid for the bill.
- **bill\_total\_net**: Net sales amount (post-discount), excluding tax or gratuity.
- **bill\_total\_tax**: Total tax amount paid for the bill.
- **bill\_total\_voided**: Total voided amount for the bill.
- **bill\_uuid**: Unique identifier for the bill.
- **business\_date**: The operational date to which the bill item is attributed.
- **order\_duration\_seconds**: Total duration of the order in seconds. However, please note that there may be instances of incorrect or anomalous data for this field. For example, orders placed via the Cash Register may occasionally show order\_duration\_seconds values exceeding a day, which is likely inaccurate.
- **order\_seated\_at\_local**: Datetime when the party was seated, in the venue's local timezone.
- **order\_closed\_at\_local**: Datetime when the order was closed, in the venue's local timezone.
- **order\_take\_out\_type\_label**: Indicates the type of order (e.g., online order, bar tab, dine-in, takeout, delivery).
- **order\_uuid**: Unique identifier for the order.
- **payment\_amount**: Total amount paid for the bill.
- **payment\_count**: Number of payments made for the bill.
- **payment\_total\_tip**: Total tip amount paid.
- **sales\_revenue\_with\_tax**: Total sales amount (including tax) as displayed on the bill, excluding gratuity.
- **venue\_xref\_id**: Unique identifier for the venue.

- **waiter\_uuid**: Unique identifier for the staff who processed the bill.

**Note:** All columns except **venue\_xref\_id**, **business\_date**, **bill\_uuid** and **order\_uuid** may contain missing values.

## Joining Datasets

You can join the **venues** and **bills** datasets using the **venue\_xref\_id** field. Each order (identified by **order\_uuid**) can be associated with multiple bills (identified by **bill\_uuid**).