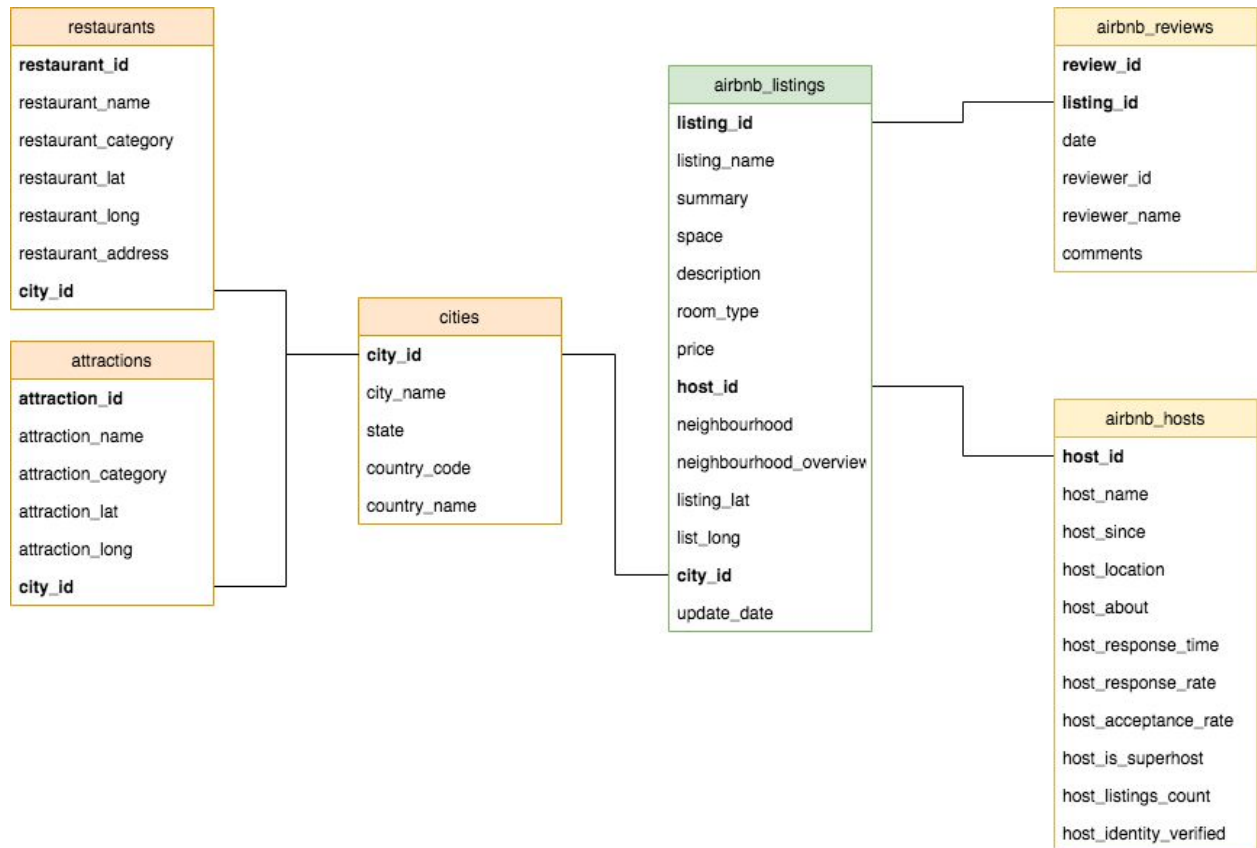


# Eurotour Data Warehouse

## Data schema



## Data dictionary

### 1. airbnb\_listings

column name	type	required	description
listing_id	int	true	Primary key of <i>airbnb_listings</i> table
listing_name	varchar	true	Name of the airbnb listing, chosen by the host
summary	varchar(max)		Summary of the

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			airbnb listing, written by the host
space	varchar(max)		Short description of the listing, written by the host
description	varchar(max)		Full description of the listing, written by the host
room_type	varchar(20)		Listing type as defined by airbnb: 'Entire home/apt', 'Hotel room', 'Private room', 'Shared room'
price	decimal	true	Standard price of the room, defined by the host
host_id	int	true	Primary key of <i>airbnb_hosts</i> table
neighbourhood	varchar(100)		Neighbourhood where the airbnb listing is located
neighbourhood_overview	varchar(max)		Overview of the neighbourhood where the airbnb listing is located, written by the host
listing_lat	decimal	true	Latitude of the airbnb listing location
listing_long	decimal	true	Longitude of the airbnb listing location
city_id	int	true	Primary key of <i>cities</i> table
update_date	date	true	Date of the the last update to this listing info

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## 2. airbnb\_reviews

column name	type	required	description
review_id	int	true	Primary key of <i>airbnb_reviews</i> table
listing_id	int	true	Primary key of <i>airbnb_listings</i> table
date	date	true	Date of the review
reviewer_id	int	true	Unique identification of the reviewer
reviewer_name	varchar(100)	true	Name of the reviewer
comments	varchar(max)	true	Full comment about the airbnb listing, written by the reviewer

## 3. airbnb\_hosts

column name	type	required	description
host_id	integer	true	The primary key of <i>airbnb_hosts</i> table
host_name	varchar	true	Airbnb host name
host_since	varchar(10)		Date when host registered a listing for the first time on airbnb
host_location	varchar(100)		Location where the airbnb host current lives (city, state and

			country)
host_about	varchar(max)		Self-description of the airbnb host
host_response_time	varchar(20)		Average response time of the airbnb host (eg. 'a few days or more', 'within a day', 'within a few hours', 'within an hour')
host_response_rate	varchar(4)		Average response rate of the airbnb host (0 - 100%)
host_acceptance_rate	varchar(4)		Average acceptance rate of the airbnb host (0 - 100%)
host_is_superhost	varchar(1)		Indicator variable if host is superhost as defined by airbnb (t or f)
host_listings_count	int		Number of listings registered by the airbnb host
host_identity_verified	varchar(1)		Indicator variable if host has verified identity on airbnb platform (t or f)

## 4. cities

column name	type	required	description
city_id	integer	true	The primary key of <i>cities</i> table
city_name	varchar(100)	true	
state	varchar(100)		

country_code	varchar(5)	true	
country_name	varchar(20)	true	

## 5. restaurants

column name	type	required	description
restaurant_id	integer	true	Primary key of <i>restaurants</i> table
restaurant_name	varchar	true	Name of the restaurant
restaurant_category	varchar		Category of the restaurant as provided by the owner
restaurant_lat	decimal	true	Latitude of the restaurant location
restaurant_long	decimal	true	Longitude of the restaurant location
restaurant_address	varchar		Address of the restaurant
city_id	int	true	Primary key of <i>cities</i> table

## 6. attractions

column name	type	required	description
attraction_id	integer	true	Primary key of <i>attractions</i> table
attraction_name	varchar	true	Name of the attraction
attraction_category	varchar		Category of the

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			attraction
attraction_lat	decimal		Latitude of the attraction location
attraction_long	decimal		Longitude of the attraction location
city_id	int		Primary key of <i>cities</i> table