

DATA DICTIONARY

- The data dictionary in our project shows the relationships between the data, and how it relates to each other.
- The table below gives the information of all the tables and type of data present and the relationship between the tables.
- This table helps us to have an overview of what the database is composed of.

Table	Column	Datatype	Constraint	Description
staff	staff_id	int	primary key	staff_id is auto-generated
staff	person_id	int	FK, NULL	person_id is auto-generated
staff	position	varchar(75)	NULL	position of the staff
staff	is_admin	varchar(1)	NULL	Checked whether a person is administrator or not by 'N' or 'Y'
person	person_id	int	primary key	person_id, auto-generated
person	person_name	varchar(300)	NULL	name of the person
person	person_email	varchar(150)	NULL	Email of the person
person	cell	bigint	NULL	cell number of person
faculty	faculty_id	int	primary key	faculty_id, auto-generated
faculty	person_id	int	NOT NULL, FK	person_id, auto-generated
faculty	title	varchar(75)	NULL	Faculty's title name
faculty	degree_college	varchar(75)	NULL	Name of person degree college
faculty	highest_degree	varchar(75)	NULL	Highest degree of the person
location	location_id	int	primary key	location_id, auto-generated
location	location_name	varchar(75)	NULL	Name of location
location	location_address	varchar(75)	NULL	Location address
location	latitude	varchar(75)	NULL	Location latitude
location	longitude	varchar(75)	NULL	Location longitude
location	drop_off_point	varchar(75)	NULL	Location where delivery will be dropped off
order	order_id	int	primary key	order_id, auto-generated
order	person_id	int	NOT NULL, FK	person_id, auto-generated
order	delivery_id	int	NOT NULL, FK	delivery-id, auto-generated
order	location_id	int	NOT NULL, FK	location_id, auto-generated
order	driver_id	int	NOT NULL, FK	driver_id, auto-generated

order	restaurant_id	int	NOT NULL, FK	restaurant_id, auto-generated
order	total_price	float	NOT NULL	Total price of the order
order	delivery_price	float	NULL	Delivery charge of the order
driver	driver_id	int	primary key	driver_id, auto-generated
driver	student_id	int	NOT NULL, FK	student_id, auto-generated
driver	license_number	varchar(75)	NULL	license number on driver's car
driver	date_hired	date	NULL	date when driver was hired
driver	rating	float	NULL	rating of the driver
student	student_id	int	primary key	student_id, id of student
student	person_id	int	NOT NULL, FK	person_id, id of person
student	graduation_year	int	NULL	Graduation year of student
student	major	varchar(75)	NULL	Major of student
student	type	varchar(75)	NULL	Whether student is grad or undergrad
restaurant	restaurant_id	int	primary key	restaurant_id, auto-generated
restaurant	location	varchar(75)	NULL	location of restaurant
restaurant	restaurant_name	varchar(75)	NULL	name of restaurant
restaurant	schedule	varchar(75)	NULL	schedule of restaurant
restaurant	website	varchar(75)	NULL	website of restaurant
delivery	delivery_id	int	primary key	delivery_id, auto generated
delivery	driver_id	int	NOT NULL, FK	driver_id, auto-generated
delivery	vehicle_id	int	NOT NULL, FK	vehicle_id, auto-generated
delivery	delivery_name	datetime	NULL	time of the delivery
vehicle	vehicle_id	int	primary key	vehicle_id, auto-generated
vehicle	vehicle_plate	varchar(75)	NULL	Vehicle license plate
vehicle	model	varchar(75)	NULL	model of vehicle
vehicle	make	varchar(75)	NULL	make of vehicle
item	item_id	int	primary key	id of the item ordered
item	restaurant_id	int	foreign key	id of the restaurant ordered
item	order_id	int	foreign key	id of the order
item	item_ordered	varchar(75)	NOT NULL	the item which is ordered
item	quantity	int	NOT NULL	quantity of the item ordered
item	special_instructions	varchar(75)	NULL	special instructions will be given if there are any.

rating system	rating_id	int	primary key	id of the rating for item ordered
rating system	person_id	int	foreign key	id of the person who gave rating
rating system	restaurant_rating	int	NULL	rating of the restaurant ordered
rating system	driver_rating	int	NULL	rating of the driver who gave order
rating system	comment	varchar(75)	NULL	comments given by the user who ordered the item
rating system	picture	binary large object(BLOB)	NULL	pictures uploaded by the user who ordered from the restaurant.