

1. Orders dataset

Shape : (135303, 26)

Features	Description	Contains Null values	Count of Null Values
akeed_order_id	The order ID used internally by the Akeed app	Yes	70
customer_id	The ID of the customer (primary key)	No	0
item_count	Count of the number of items the customer ordered from a vendor	Yes	6925
grand_total	The total cost of the items	No	0
payment_mode	Mode used to make the payment	No	0
promo_code	Promo code name	Yes	130998
vendor_discount_amount	Discount given by the vendor	No	0
promo_code_discount_percentage	Percentage of discount given by the promo code	Yes	69423
is_favorite	Is the vendor the customers favourite	Yes	35195
is_rated	Is the vendor rated or not	No	0
vendor_rating	Rating given to the vendor by the customer (0-5)	Yes	90083
driver_rating	Rating given to the delivery driver	No	0
deliverydistance	Distance between vendor and customer	No	0
preparationtime	Time taken by the vendor to prepare the items (food)	Yes	55560
delivery_time	The time and date at which the items(food) were delivered to the customer	Yes	130180
order_accepted_time	The time at which the order was accepted by the vendor	Yes	48348
driver_accepted_time	The time at which the driver accepted to deliver the items(food) to the customer	Yes	88845

ready_for_pickup_time	Time at which the items(food) was ready to be picked up by the driver	Yes	51054
picked_up_time	Time at which the driver picked up the items(food) from the vendor	Yes	51438
delivered_time	The time when the food was delivered to the customer	Yes	49562
delivery_date	Date when the items(food) were delivered to the customer	Yes	99759
vendor_id	The ID of the vendor	No	0
created_at	-	No	0
LOCATION_NUMBER	The location number of the customer	No	0
LOCATION_TYPE	The Location type of the customer - Home, Work, Other, NA	Yes	48893
CID X LOC_NUM X VENDOR	Combination of customer id, location number and vendor id	No	0

2. Vendors dataset

Shape : (100, 59)

Features	Description	Contains Null values	Count of Null Values
id	Vendor ID	No	0
authentication_id	The authentication id of the vendor	No	0
latitude	Latitude of where the vendor is situated at	No	0
longitude	Longitude of where the vendor is situated at	No	0
vendor_category_en	Type of the vendor - Restaurant, Sweets & Bakes	No	0
vendor_category_id	Vendor ID based on the category of the vendor	No	0
delivery_charge	Food delivery charge	No	0
serving_distance	Maximum distance for the item(food) delivery	No	0
is_open	Is the vendor open or not	No	0
OpeningTime	Time duration for which the vendor is open	Yes	9
OpeningTime2	If the vendor closes for some time in between during the day, the second time duration for which the vendor is open	Yes	9
preparation_time	Time taken by the vendor to prepare the item(food)	No	0
commission	Commission of the vendor	Yes	15
is_akeed_delivering	Is the akeed delivery app delivering or not	No	0
discount_percentage	The discount percentage given by the vendor	No	0
status	0 or 1. Account created or not	No	0
verified	0 or 1. Account verified or not	No	0
rank	Rank given to the vendor	No	0

language	Language in which the vendor communicates	Yes	15
vendor_rating	The overall rating given to the vendor	No	0
sunday_from_time1	First shift: opening time of the vendor	Yes	1
sunday_to_time1	First shift: closing time of the vendor	Yes	1
sunday_from_time2	Second shift: opening time of the vendor	Yes	58
sunday_to_time2	Second shift: closing time of the vendor	Yes	58
monday_from_time1	First shift: opening time of the vendor	No	0
monday_to_time1	First shift: closing time of the vendor	No	0
monday_from_time2	Second shift: opening time of the vendor	Yes	58
monday_to_time2	Second shift: closing time of the vendor	Yes	58
tuesday_from_time1	First shift: opening time of the vendor	Yes	1
tuesday_to_time1	First shift: closing time of the vendor	Yes	1
tuesday_from_time2	Second shift: opening time of the vendor	Yes	59
tuesday_to_time2	Second shift: closing time of the vendor	Yes	59
wednesday_from_time1	First shift: opening time of the vendor	No	0
wednesday_to_time1	First shift: closing time of the vendor	No	0
wednesday_from_time2	Second shift: opening time of the vendor	Yes	58
wednesday_to_time2	Second shift: closing time of the vendor	Yes	58
thursday_from_time1	First shift: opening time of the vendor	Yes	1
thursday_to_time1	First shift: closing time of the vendor	Yes	1
thursday_from_time2	Second shift: opening time of the vendor	Yes	58
thursday_to_time2	Second shift: closing time of the vendor	Yes	58
friday_from_time1	First shift: opening time of the vendor	Yes	4
friday_to_time1	First shift: closing time of the vendor	Yes	4
friday_from_time2	Second shift: opening time of the vendor	Yes	55

friday_to_time2	Second shift: closing time of the vendor	Yes	55
saturday_from_time1	First shift: opening time of the vendor	Yes	2
saturday_to_time1	First shift: closing time of the vendor	Yes	2
saturday_from_time2	Second shift: opening time of the vendor	Yes	58
saturday_to_time2	Second shift: closing time of the vendor	Yes	58
primary_tags	Primary/main cuisine number of the vendor	Yes	23
open_close_flags	- (1 or 0)	No	0
vendor_tag	Cuisine's served by the vendor (the numerical value)	Yes	3
vendor_tag_name	Cusine's served by the vendor (name of the cuisine)	Yes	3
one_click_vendor	Is the vendor accessible in one click of the vendor through the akeed app (1 or 0)	No	0
country_id	The country ID of where the vendor is located	No	0
city_id	The city ID of where the vendor is located	No	0
created_at	Date - Time when the vendor created an account	No	0
updated_at	Date - Time when the vendor updated its account	No	0
device_type	Type of device used	No	0
display_orders	Are the orders displayed to the vendor	No	0

3. Train customers dataset

Shape: (34674, 8)

Features	Description	Contains Null values	Count of Null Values
akeed_customer_id	customer ID (primary key)	No	0
gender	Gender of the customer	Yes	12154
dob	Date of Birth of the customer	Yes	31628
status	0 or 1. Account created or not	No	0
verified	0 or 1. Account verified or not	No	0
language	Language the customer communicates in	Yes	13575
created_at	Date - Time when the customer created an account	No	0
updated_at	Date - Time when the customer updated its account	No	0

4 . Train location dataset

Shape: (59503, 5)

Features	Description	Contains Null values	Count of Null Values
customer_id	customer ID	No	0
location_number	The location number of the customer (a customer can have more than one location number based on the location type)	No	0
location_type	The Location type of the customer - Home, Work, Other, NA	Yes	27209
latitude	Latitude of the customer's location	Yes	6
longitude	Longitude of the customer's location t	Yes	6

5. Test customers dataset

Shape:(9768, 8)

Features	Description	Contains Null values	Count of Null Values
akeed_customer_id	customer ID (primary key)	No	0
gender	Gender of the customer	Yes	3447
dob	Date of Birth of the customer	Yes	8920
status	0 or 1. Account created or not	No	0
verified	0 or 1. Account verified or not	No	0
language	Language the customer communicates in	Yes	8920
created_at	Date - Time when the customer created an account	No	0
updated_at	Date - Time when the customer updated its account	No	0

6 . Test location dataset

Shape: (16720, 5)

Features	Description	Contains Null values	Count of Null Values
customer_id	customer ID	No	0
location_number	The location number of the customer (a customer can have more than one location number based on the location type)	No	0
location_type	The Location type of the customer - Home, Work, Other, NA	Yes	7650
latitude	Latitude of the customer's location	Yes	3
longitude	Longitude of the customer's location t	Yes	3