Airline Data Model - Prod Layer

Air_Carrier (BIRD): 1,656 rows

Key	Column	Type
PK	airline_id	INTEGER
	airline_name	STRING
	airline_code	STRING
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Flight (BIRD): 54,540 rows

Key	Column	Type
PK	fl_num	STRING
FK	op_carrier_airline_id	INTEGER
	op_carrier_fl_num	INTEGER
	origin_airport_id	INTEGER
	origin_airport_seq_id	INTEGER
	origin_city_market_id	INTEGER
	origin	STRING
	dest_airport_id	INTEGER
	dest_airport_seq_id	INTEGER
	dest_city_market_id	INTEGER
	dest	STRING
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Meal_Service (BIRD + MealDB): 54,540 rows

Key	Column	Type
PK, FK	meal_id	INTEGER
PK, FK	fl_num	STRING
FK	airline_id	INTEGER
	service_category	*STRING*
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Meal (MealDB): 302 rows

Key	Column	Type
PK	meal_id	INTEGER
	meal_name	STRING
	meal_image	STRING
	cat_id	INTEGER
	cat_name	STRING
	tags	STRING
	area	STRING
	ingredient1	STRING
	ingredient2	STRING
	ingredient3	STRING
	ingredient4	STRING
	ingredient5	STRING
	source	STRING
	youtube	STRING
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Snack_Service (BIRD + Open Food Facts): 54,540 rows

Key	Column	Type
PK, FK	snack_id	STRING
PK, FK	fl_num	STRING
FK	airline_id	INTEGER
	service_category	*STRING*
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Airport (BIRD + Faker): 6,510 rows

Key	Column	Type
PK	iata	STRING
	icao	STRING
	name	STRING
	city	STRING
	state	STRING
	country	STRING
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Flight_History (BIRD): 701,352 rows

Key	Column	Type
PK	fl_date	DATE
PK, FK	fl_num	STRING
	tail_num	STRING
	crs_dep_time	INTEGER
	dep_time	INTEGER
	dep_delay	INTEGER
	dep_delay_new	INTEGER
	arr_time	INTEGER
	arr_delay	INTEGER
	arr_delay_new	INTEGER
	cancelled	INTEGER
	cancellation_code	STRING
	crs_elapsed_time	INTEGER
	actual_elapsed_time	INTEGER
	carrier_delay	INTEGER
	weather_delay	INTEGER
	nas_delay	INTEGER
	security_delay	INTEGER
	late_aircraft_delay	INTEGER
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN

Snack (Open Food Facts): 226,780 rows

Key	Column	Type
PK	snack_id	STRING
	url	STRING
	product_name	STRING
	brands	STRING
	categories	STRING
	countries_en	STRING
	ingredients_text	STRING
	image_url	STRING
	created_date_time	TIMESTAMP
	last_modified_date_time	TIMESTAMP
	data_source	STRING
	load_time	TIMESTAMP
PK	effective_time	TIMESTAMP
	discontinue_time	TIMESTAMP
	active_flag	BOOLEAN