Airline Data Model - Raw Layer

air_carriers (BIRD): 1,656 rows

PK	code	STRING
	description	STRING

airports (BIRD): 6,510 rows

PK	code	STRING
	description	STRING

airports (Faker): 397 rows

PK	airport	STRING
	iata	STRING
	icao	STRING
	city	STRING
	state	STRING
	country	STRING

airlines (BIRD): 701,352 rows

PK	FL_DATE	STRING
PK, FK	OP_CARRIER_AIRLINE_ID	INTEGER
PK	TAIL_NUM	STRING
PK	OP_CARRIER_FL_NUM	INTEGER
PK	ORIGIN_AIRPORT_ID	INTEGER
	ORIGIN_AIRPORT_SEQ_ID	INTEGER
	ORIGIN_CITY_MARKET_ID	INTEGER
FK	ORIGIN	STRING
	DEST_AIRPORT_ID	INTEGER
	DEST_AIRPORT_SEQ_ID	INTEGER
	DEST_CITY_MARKET_ID	INTEGER
FK	DEST	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

snacks (Open Food Facts): 226,831 rows

PK	code	DOUBLE
	url	STRING
	product_name	STRING
	brands	STRING
	categories	STRING
	countries_en	STRING
	ingredients_text	STRING
	image_url	STRING

meals (themealdb.com): 3,322 rows

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

Notes:
- Air Carriers and Airport data came from BIRD training set.
- Airport data came from BIRD and Faker. Faker has more attributes per record, but BIRD has a higher volume of records. The two airport entities will be merged in later stage.
- Meals data came from themealdb.com API.
- Snack data came from Open Food Facts dataset.
- A new entity, Flight Meal Service, will be created in the staging layer to connect Flights with Meals and Snacks.