Air Travel Data Model - Intermediate Layer

Business

PK	name	STRING
	category	STRING
	dining	BOOLEAN

Menu_Items

PK, FK	business_name	STRING
PK	menu_item	STRING

Airport_Businesses

PK, FK	icao	STRING
PK	terminal	STRING
PK, FK	business	STRING
PK	location	STRING

TSA_Traffic

PK	event_date	DATE
PK	event_hour	INTEGER
PK, FK	airport_icao	STRING
PK	tsa_checkpoint	STRING
	passenger_count	INTEGER

Airport

PK	icao	STRING
	iata	STRING
	airport_name	STRING
	city	STRING
FK	country	STRING
	latitude	BIGNUMERIC
	longtitude	BIGNUMERIC
	timezone_delta	INTEGER
	dayline_savings_time	STRING
	timezone_name	STRING
	type	STRING
	source	STRING

Airport_Review

PK	id	INTEGER
	thread_id	INTEGER
FK	icao	STRING
	date_created	DATETIME
	author	STRING
	subject	STRING
	body	STRING
	relevant	BOOLEAN
	sentiment	STRING

Flight_Routes

PK	route_id	INTEGER
FK	airline_id	INTEGER
FK	source_airport_icao	STRING
FK	dest_airport_icao	STRING
	codeshare	STRING
	stops	INTEGER

Country

PK	name	STRING
	iso_code	STRING
	dafif_code	ARRAY

Flight_Delays

PK	event_month	DATE
PK, FK	airline_id	INTEGER
PK, FK	airport_icao	STRING
	arr_total	INTEGER
	arr_cancelled	INTEGER
	arr_diverted	INTEGER
	arr_delay_min	INTEGER
	weather_delay_min	INTEGER
	nas_delay_min	INTEGER
	late_aircraft_delay_min	INTEGER

Route_Equipment

PK, FK	route_id	INTEGER
PK, FK	aircraft_icao	STRING

Aircraft

PK	icao	STRING
	iata	STRING
	name	STRING

Airline

PK	id	INTEGER
	name	STRING
	alias	STRING
	icao	STRING
	iata	STRING
	callsign	STRING
FK	country	STRING
	active	BOOLEAN

Legend:
-Entity names in **bold** text indicate that the entity is new to this stage.
-Attribute names in **bold** text indicate that the field is new or has changed since the last stage.