

Lookup tables are more efficient since there are not many unique values for these

IncidentType		
PK	itid	integer
	incident_type	VARCHAR(20)

Severity		
PK	sid	integer
	severity	VARCHAR(20)

ReportedBy		
PK	rbid	integer
	reported_by	VARCHAR(20)

Incidents		
PK	iid	integer
	csv_iid	VARCHAR(10)
	date	date
	num_injuries	integer
FK	itid	integer
FK	sid	integer
FK	rbid	integer
FK	fid	integer

An incident can only have one flight, but a flight can have multiple incidents

Flights		
PK	fid	integer
	flight_number	integer
	delay_mins	integer
FK	airline_id	integer
FK	aircraft_id	integer
FK	airport_id	integer

Airlines		
PK	airline_id	integer
	airline	CHAR(2)

Aircrafts		
PK	aircraft_id	integer
	aircraft_family	VARCHAR(20)
	aircraft_model	VARCHAR(20)

prof recommended splitting aircraft into family and model, good for lookups

Airports		
PK	airport_id	integer
	dep_airport	CHAR(3)