

Data Dictionary

Based in the version 0.4 of the ER Model and the versión 0.1 of the Script

Truck

Field Name	Data Type	Field size	Description	Example
LicencePlate	VARCHAR	6	Licence plate of the truck	AABB12
Color	Text	12	Color of the truck	White
Brand	Text	15	Brand of the truck	Scania
Model	Text	15	Model of the truck	114
Year	Integer	4	Manufacture or model year of the truck	1994
MaxLoad	Integer	6	Maximum load of the truck (in kilograms)	13500

Producer

Field Name	Data Type	Field size	Description	Example
RUT	VARCHAR	13	Unique RUT of each Producer	93.332.213-4
Name	Text	30	Name of the producer	Agrícola Galindo
Manager	Text	30	Name of the person in charge	Esteban Paredes
Telephone	VARCHAR	11	Phone number of the producer	+5691234567

Location

Field Name	Data Type	Field size	Description	Example
IDLocation	Integer	11	Unique ID of each location	00012
RefProducer	VARCHAR	30	Reference to the producer	93.332.213-4
LocationInfo	Text	30	Information of the location	Los Nogales S/N

Job

Field Name	Data Type	Field size	Description	Example
Code	Integer	50	Unique code of each job	000219931
Variety	Text	20	Grape variety to be transported	Merlot
Kilos	Integer	6	Weight of the load to be transported	121000
Container	Text	10	Type of container used	Bins
Harvest	Text	10	Type of harvest	Machine
Quality	Text	10	Quality of the load	Generic
Freight	Text	10	Type of freight	Own
Comment	Text	150	Field with comments about the job	Cambio ruta

Trip

Field Name	Data Type	Field size	Description	Example
IDTrip	Integer	11	Unique ID of each trip	19281192
Date	Date	20	Date of the trip	05/11/2018
State	Text	15	Current state of the trip	Parking yard
DeparturePlace	Text?	50	Place where the trip starts	Casablanca S/N
ArrivalPlace	Text?	50	Place where the trip ends	Los Nogales S/N
DepartureTime	Time	5	Departure time of the trip	11:30
ArrivalTime	Time	5	Estimated time of arrival	13:02
Load	Integer	5	Weight of the freight in kilos	27500
RefAdmin	VARCHAR	13	Reference to admin who coordinates the trip	11.412.618-5

Driver

Field Name	Data Type	Field size	Description	Example
RUN	VARCHAR	13	Unique RUN of each driver	13.332.213-4
Name	Text	30	Name of the driver	Antonio Gutierrez

PredefinedRoute

Field Name	Data Type	Field size	Description	Example
RouteID	Integer	11	Unique ID of each Route	101222
InitialPoint	Text?	30	Initial point of the route	Casablanca S/N
FinalPoint	Text?	30	Final point of the route	Los Nogales S/N

Administrator

Field Name	Data Type	Field size	Description	Example
RUN	VARCHAR	13	Unique RUN of each administrator	11.412.618-5
Name	Text	30	Name of the administrator	Juan Negrete
Email	VARCHAR	320	Email of the administrator	jnegr@aol.com
Password	Text	10	Password for the admin account	batman123
Position	Text	10	Position in the company	Oenologist

Perform

Field Name	Data Type	Field size	Description	Example
RefDriver	VARCHAR	13	Reference to a driver	13.332.213-4
RefTrip	Integer	11	Reference to a trip	19281192
RefTruck	VARCHAR	6	Reference to a truck	AABB12
CurrentLoad	Integer	6	Current load in the truck	43500

Request by

Field Name	Data Type	Field size	Description	Example
RefJob	Integer	11	Reference to the job	000219931
RefProducer	VARCHAR	13	Reference to the producer who requested the job	93.332.213-4

Notes:

- The derived attribute *Location* in Job is taken from the related Producer through Request.
- The derived attribute *CurrentLoad* in the relation Perform is calculated with the addition of the Load of the related Trips.