

Table externe Immatriculation (Hive -> Mongo)

```
drop table IMMATRICULATION_EXT_TPA;

CREATE EXTERNAL TABLE IMMATRICULATION_EXT_TPA (
ID STRING,
IMMATRICULATION STRING,
MARQUE STRING,
NOM STRING,
PUISSANCE INT,
LONGUEUR STRING,
NBPLACES INT,
NBPORTES INT,
COULEUR STRING,
OCCASION STRING,
PRIX INT)
STORED BY 'com.mongodb.hadoop.hive.MongoStorageHandler'
WITH SERDEPROPERTIES('mongo.columns.mapping'='{ "id": "_id",
"immatriculation": "immatriculation", "marque": "marque", "nom": "nom",
"puissance": "puissance", "longueur": "longueur", "nbPlaces": "nbPlaces",
"nbPortes": "nbPortes", "couleur": "couleur", "occasion": "occasion",
"prix": "prix"}')
TBLPROPERTIES('mongo.uri'='mongodb://localhost:27017/tpa.Immatriculations');

select * from IMMATRICULATION_EXT_TPA;
```

Table externe Catalogue & Co2 (Hive -> HDFS)

```
CREATE EXTERNAL TABLE Catalogue_HDFS_H_EXT (MARQUE STRING, NOM
STRING, PUISSANCE STRING, LONGUEUR STRING, NBPLACE STRING, NBPORTES STRING,
COULEUR STRING, OCCASION STRING, PRIX STRING)
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','
LOCATION 'hdfs:/tpa';

CREATE EXTERNAL TABLE CO2_HDFS_H_EXT (ID INT, Marque_Modele STRING
,Bonus_Malus STRING, Rejets_CO2_g_km STRING, Cout_energie STRING)
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','
LOCATION 'hdfs:/tpa';
```

Table externe clients et marketing (Hive -> Oracle Nosql)

```
drop table CLIENTS_TPA_H_EXT;
CREATE EXTERNAL TABLE CLIENTS_TPA_H_EXT (
AGE INT,
SEXE STRING,
TAUX INT,
SITUATION_FAMILIALE STRING,
NOMBRE_ENFANTS INT,
DEUXIEME_VOITURE BOOLEAN,
IMMATRICULATION STRING)
STORED BY 'oracle.kv.hadoop.hive.table.TableStorageHandler'
TBLPROPERTIES (
"oracle.kv.kvstore" = "kvstore",
"oracle.kv.hosts" = "127.0.0.1:5000",
"oracle.kv.hadoop.hosts" = "localhost",
"oracle.kv.tableName" = "CLIENT_TPA_GROUPE_4");

drop table MARKETING_TPA_H_EXT;
CREATE EXTERNAL TABLE MARKETING_TPA_H_EXT (
ID STRING,
AGE INT,
SEXE STRING,
TAUX INT,
SITUATION_FAMILIALE STRING,
NOMBRE_ENFANTS INT,
DEUXIEME_VOITURE BOOLEAN)
STORED BY 'oracle.kv.hadoop.hive.table.TableStorageHandler'
TBLPROPERTIES (
"oracle.kv.kvstore" = "kvstore",
"oracle.kv.hosts" = "127.0.0.1:5000",
"oracle.kv.hadoop.hosts" = "localhost",
"oracle.kv.tableName" = "MARKETING_TPA_GROUPE_4");
```