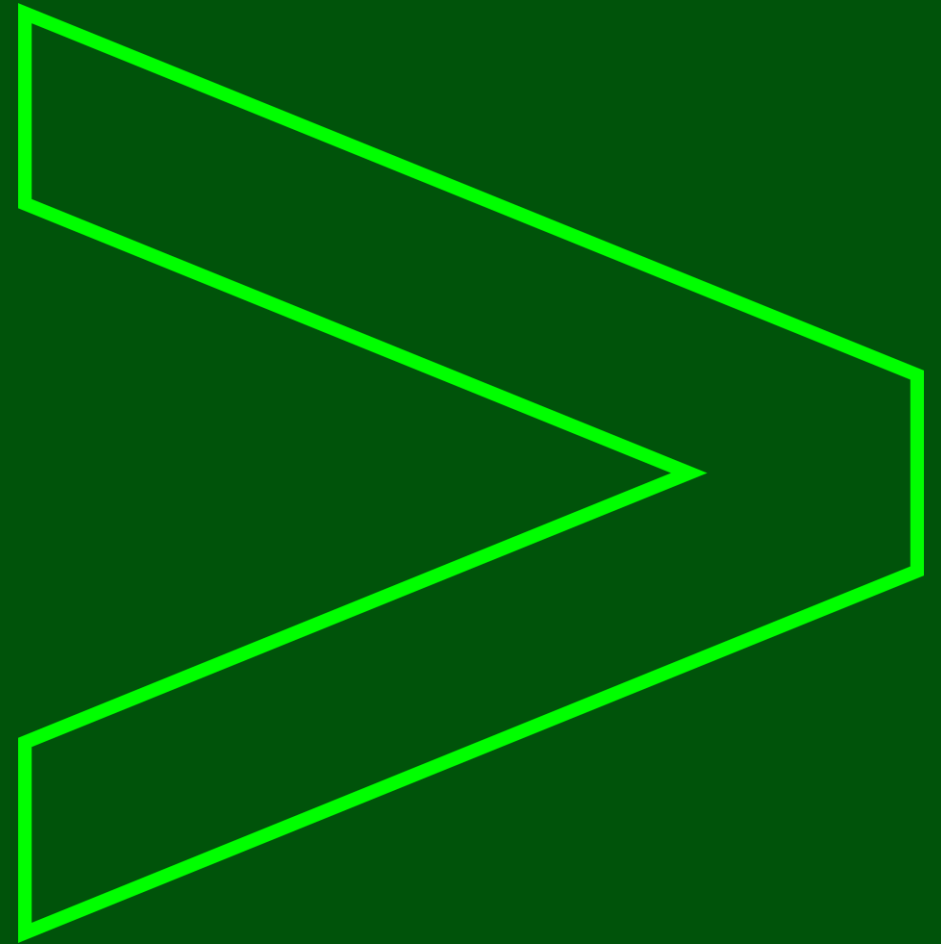


# NycTaxi case study



**accenture**<sup>></sup>technology

# NycTaxi MetaData

## NYC\_TAXI DATA

### fhv\_tripdata

<u>dispatching_base_num</u> (FK)
<u>pickup_datetime</u>
<u>dropoff_datetime</u>
<u>PULocationID</u> (FK)
<u>DOLocationID</u> (FK)
<u>SR_Flag</u>

### fhv\_basedata

License Number (PK)					
Entity Name					
Telephone Number					
SHL Endorsed					
Address	Building	Street	City	State	Postcode
<u>GeoLocation</u>	Latitude	Longitude	Location		
Type of Base					
Date					
Time					

### TaxiZones Data

<u>LocationID</u> (PK)
Borough
Zone
<u>service_zone</u>

# NycTaxi MetaData

## NYC\_TAXI DATA

### Fhv\_tripdata sample

```
dispatching_base_num,pickup_datetime,dropoff_datetime,PULocationID,DOLocationID,SR_Flag  
B00013,6/1/2019 0:51,6/1/2019 1:20,2128,2128,
```

### TaxiZones Sample Data

```
"LocationID","Borough","Zone","service_zone"  
1,"EWR","Newark Airport","EWR"
```

### fhv\_basedata Sample Data

```
{  
  "License Number":"B02865"  
  , "Entity Name":"VIER-NY,LLC"  
  , "Telephone Number":6466657536  
  , "SHL Endorsed":"No"  
  , "Address":  
    {  
      "Building":"636"  
      , "Street":"WEST 28 STREET"  
      , "City":"NEW YORK"  
      , "State":"NY"  
      , "Postcode":10001  
    }  
  , "GeoLocation":  
    {  
      "Latitude":40.75273  
      , "Longitude":-74.006408  
      , "Location":"(40.75273, -74.006408)"  
    }  
  , "Type of Base":"BLACK CAR BASE"  
  , "Date":"08/15/2019"  
  , "Time":"18:03:31"  
}
```

# NycTaxi MetaData

## NYC\_TAXI DATA

### RateCodes Data

RateCodeID
RateCode
IsApproved

RateCodeID, RateCode, IsApproved  
1, Standard Rate, Yes

green_tripdata	Sample Data	yellow_tripdata	Sample Data
VendorID	2	VendorID	1
lpep_pickup_datetime	2019-06-01 00:25:27	tpep_pickup_datetime	6/1/2019 0:55
lpep_dropoff_datetime	2019-06-01 00:33:52	tpep_dropoff_datetime	6/1/2019 0:56
store_and_fwd_flag	N	passenger_count	1
RatecodeID	1	trip_distance	0
PULocationID	74	RatecodeID	1
DOLocationID	263	store_and_fwd_flag	N
passenger_count	5	PULocationID	145
trip_distance	2.34	DOLocationID	145
fare_amount	9	payment_type	2
Extra	0.5	fare_amount	3
mta_tax	0.5	Extra	0.5
tip_amount	1	mta_tax	0.5
tolls_amount	0	tip_amount	0
ehail_fee		tolls_amount	0
improvement_surcharge	0.3	improvement_surcharge	0.3
total_amount	14.05	total_amount	4.3
payment_type	1	congestion_surcharge	0
trip_type	1		
congestion_surcharge	2.75		

### PaymentTypes Data

PaymentTypeID
PaymentType

{"PaymentTypeID":1,  
"PaymentType":"Credit Card"}

### TaxiZones Data

LocationID
Borough
Zone
service_zone