

# Datacamp\_Importing & Cleaning Data in R: Case Studies\_Ticket Sales Data

*dizhen*

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Importing the data

```
# Import sales.csv: sales
sales <- read.csv("data/sales.csv",stringsAsFactors = FALSE)
```

```
# View dimensions of sales
dim(sales)
```

```
## [1] 2628 46
```

```
# Inspect first 6 rows of sales
head(sales,n = 6)
```

```
## X event_id primary_act_id secondary_act_id
## 1 abcafladb99a935fc661 43f0436b905bfa7c2eec b85143bf51323b72e53c
## 2 6c56d7f08c95f2aa453c 1a3e9aecd0617706a794 f53529c5679ea6ca5a48
## 3 c7ab4524a121f9d687d2 4b677c3f5bec71eec8d1 b85143bf51323b72e53c
## 4 394cb493f893be9b9ed1 b1ccea01ad6ef8522796 b85143bf51323b72e53c
## 5 55b5f67e618557929f48 91c03a34b562436efa3c b85143bf51323b72e53c
## 6 4f10fd8b9f550352bd56 ac4b847b3fde66f2117e 63814f3d63317f1b56c4
## purch_party_lkup_id
## 1 7dfa56dd7d5956b17587
## 2 4f9e6fc637eaf7b736c2
## 3 6c2545703bd527a7144d
## 4 527d6b1eaffc69ddd882
## 5 8bd62c394a35213bdf52
## 6 3b3a628f83135acd0676
## event_name
## 1 Xfinity Center Mansfield Premier Parking: Florida Georgia Line
## 2 Gorge Camping - dave matthews band - sept 3-7
## 3 Dodge Theatre Adams Street Parking - benise
## 4 Gexa Energy Pavilion Vip Parking : kid rock with sheryl crow
## 5 Premier Parking - motley crue
## 6 Fast Lane Access: Journey
## primary_act_name secondary_act_name
## 1 XFINITY Center Mansfield Premier Parking NULL
## 2 Gorge Camping Dave Matthews Band
## 3 Parking Event NULL
## 4 Gexa Energy Pavilion VIP Parking NULL
## 5 White River Amphitheatre Premier Parking NULL
## 6 Fast Lane Access Journey
## major_cat_name minor_cat_name la_event_type_cat
## 1 MISC PARKING PARKING
## 2 MISC CAMPING INVALID
```

```

## 3          MISC          PARKING          PARKING
## 4          MISC          PARKING          PARKING
## 5          MISC          PARKING          PARKING
## 6          MISC SPECIAL ENTRY (UPSELL)          UPSSELL
##                                     event_disp_name
## 1 Xfinity Center Mansfield Premier Parking: Florida Georgia Line
## 2          Gorge Camping - dave matthews band - sept 3-7
## 3          Dodge Theatre Adams Street Parking - benise
## 4  Gexa Energy Pavilion Vip Parking : kid rock with sheryl crow
## 5          Premier Parking - motley crue
## 6          Fast Lane Access: Journey
##
## 1  THIS TICKET IS VALID          FOR PARKING ONLY          GOOD THIS DAY ONLY          PREMIER PARKING P
## 2                                     %OVERNIGHT C A M P I N G%* * * * *
## 3          ADAMS STREET GARAGE%PARKING FOR 4/21/06 ONLY%DODGE THEATRE PARKING P
## 4  THIS TICKET IS VALID          FOR PARKING ONLY          GOOD FOR THIS DATE ONLY          VIP PARKING PAS
## 5          THIS TICKET IS VALID%FOR PARKING ONLY%GOOD THIS DATE ONLY%PREMIER PAR
## 6          FAST LANE          JOURNEY          FAST LANE EVENT          THIS IS NOT A TIC
##  tickets_purchased_qty trans_face_val_amt delivery_type_cd
## 1          1          45          eTicket
## 2          1          75          TicketFast
## 3          1          5          TicketFast
## 4          1          20          Mail
## 5          1          20          Mail
## 6          2          10          TicketFast
##  event_date_time event_dt presale_dt onsale_dt
## 1 2015-09-12 23:30:00 2015-09-12 NULL 2015-05-15
## 2 2009-09-05 01:00:00 2009-09-04 NULL 2009-03-13
## 3 2006-04-22 01:30:00 2006-04-21 NULL 2006-02-25
## 4 2011-09-03 00:00:00 2011-09-02 NULL 2011-04-22
## 5 2005-07-31 01:00:00 2005-07-30 2005-03-02 2005-03-04
## 6 2012-07-22 02:00:00 2012-07-21 NULL 2012-04-11
##  sales_ord_create_dttm sales_ord_tran_dt print_dt timezn_nm
## 1 2015-09-11 18:17:45 2015-09-11 2015-09-12 EST
## 2 2009-07-06 00:00:00 2009-07-05 2009-09-01 PST
## 3 2006-04-05 00:00:00 2006-04-05 2006-04-05 MST
## 4 2011-07-01 17:38:50 2011-07-01 2011-07-06 CST
## 5 2005-06-18 00:00:00 2005-06-18 2005-06-28 PST
## 6 2012-07-21 17:20:18 2012-07-21 2012-07-21 PST
##  venue_city venue_state venue_postal_cd_sgmt_1
## 1  MANSFIELD MASSACHUSETTS 02048
## 2  QUINCY WASHINGTON 98848
## 3  PHOENIX ARIZONA 85003
## 4  DALLAS TEXAS 75210
## 5  AUBURN WASHINGTON 98092
## 6  SAN BERNARDINO CALIFORNIA 92407
##  sales_platform_cd print_flg la_valid_tkt_event_flg fin_mkt_nm
## 1 www.concerts.livenation.com T N Boston
## 2 NULL T N Seattle
## 3 NULL T N Arizona
## 4 NULL T N Dallas
## 5 NULL T N Seattle
## 6 www.livenation.com T N Los Angeles
##  web_session_cookie_val gndr_cd age_yr income_amt edu_val

```

```

## 1 7dfa56dd7d5956b17587 <NA> <NA> <NA> <NA>
## 2 4f9e6fc637eaf7b736c2 <NA> <NA> <NA> <NA>
## 3 6c2545703bd527a7144d <NA> <NA> <NA> <NA>
## 4 527d6b1eaffc69ddd882 <NA> <NA> <NA> <NA>
## 5 8bd62c394a35213bdf52 <NA> <NA> <NA> <NA>
## 6 3b3a628f83135acd0676 <NA> <NA> <NA> <NA>
## edu_1st_indv_val edu_2nd_indv_val adults_in_hh_num married_ind
## 1 <NA> <NA> <NA> <NA>
## 2 <NA> <NA> <NA> <NA>
## 3 <NA> <NA> <NA> <NA>
## 4 <NA> <NA> <NA> <NA>
## 5 <NA> <NA> <NA> <NA>
## 6 <NA> <NA> <NA> <NA>
## child_present_ind home_owner_ind occpn_val occpn_1st_val occpn_2nd_val
## 1 <NA> <NA> <NA> <NA> <NA>
## 2 <NA> <NA> <NA> <NA> <NA>
## 3 <NA> <NA> <NA> <NA> <NA>
## 4 <NA> <NA> <NA> <NA> <NA>
## 5 <NA> <NA> <NA> <NA> <NA>
## 6 <NA> <NA> <NA> <NA> <NA>
## dist_to_ven
## 1 <NA>
## 2 59
## 3 <NA>
## 4 <NA>
## 5 <NA>
## 6 <NA>

```

```

# View column names of sales
names(sales)

```

```

## [1] "X" "event_id"
## [3] "primary_act_id" "secondary_act_id"
## [5] "purch_party_lkup_id" "event_name"
## [7] "primary_act_name" "secondary_act_name"
## [9] "major_cat_name" "minor_cat_name"
## [11] "la_event_type_cat" "event_disp_name"
## [13] "ticket_text" "tickets_purchased_qty"
## [15] "trans_face_val_amt" "delivery_type_cd"
## [17] "event_date_time" "event_dt"
## [19] "presale_dt" "onsale_dt"
## [21] "sales_ord_create_dttm" "sales_ord_tran_dt"
## [23] "print_dt" "timezn_nm"
## [25] "venue_city" "venue_state"
## [27] "venue_postal_cd_sgmt_1" "sales_platform_cd"
## [29] "print_flg" "la_valid_tkt_event_flg"
## [31] "fin_mkt_nm" "web_session_cookie_val"
## [33] "gndr_cd" "age_yr"
## [35] "income_amt" "edu_val"
## [37] "edu_1st_indv_val" "edu_2nd_indv_val"
## [39] "adults_in_hh_num" "married_ind"
## [41] "child_present_ind" "home_owner_ind"
## [43] "occpn_val" "occpn_1st_val"
## [45] "occpn_2nd_val" "dist_to_ven"

```

Summarizing the data

```
# Look at structure of sales
str(sales)
```

```
## 'data.frame': 2628 obs. of 46 variables:
## $ X : chr "1" "2" "3" "4" ...
## $ event_id : chr "abcafiadb99a935fc661" "6c56d7f08c95f2aa453c" "c7ab4524a121f9d687d2"
## $ primary_act_id : chr "43f0436b905bfa7c2eec" "1a3e9aecd0617706a794" "4b677c3f5bec71eec8d1"
## $ secondary_act_id : chr "b85143bf51323b72e53c" "f53529c5679ea6ca5a48" "b85143bf51323b72e53c"
## $ purch_party_lkup_id : chr "7dfa56dd7d5956b17587" "4f9e6fc637eaf7b736c2" "6c2545703bd527a7144d"
## $ event_name : chr "Xfinity Center Mansfield Premier Parking: Florida Georgia Line" "Go
## $ primary_act_name : chr "XFINITY Center Mansfield Premier Parking" "Gorge Camping" "Parking I
## $ secondary_act_name : chr "NULL" "Dave Matthews Band" "NULL" "NULL" ...
## $ major_cat_name : chr "MISC" "MISC" "MISC" "MISC" ...
## $ minor_cat_name : chr "PARKING" "CAMPING" "PARKING" "PARKING" ...
## $ la_event_type_cat : chr "PARKING" "INVALID" "PARKING" "PARKING" ...
## $ event_disp_name : chr "Xfinity Center Mansfield Premier Parking: Florida Georgia Line" "Go
## $ ticket_text : chr " THIS TICKET IS VALID FOR PARKING ONLY GOOD THIS D
## $ tickets_purchased_qty : chr "1" "1" "1" "1" ...
## $ trans_face_val_amt : chr "45" "75" "5" "20" ...
## $ delivery_type_cd : chr "eTicket" "TicketFast" "TicketFast" "Mail" ...
## $ event_date_time : chr "2015-09-12 23:30:00" "2009-09-05 01:00:00" "2006-04-22 01:30:00" "2
## $ event_dt : chr "2015-09-12" "2009-09-04" "2006-04-21" "2011-09-02" ...
## $ presale_dt : chr "NULL" "NULL" "NULL" "NULL" ...
## $ onsale_dt : chr "2015-05-15" "2009-03-13" "2006-02-25" "2011-04-22" ...
## $ sales_ord_create_dttm : chr "2015-09-11 18:17:45" "2009-07-06 00:00:00" "2006-04-05 00:00:00" "2
## $ sales_ord_tran_dt : chr "2015-09-11" "2009-07-05" "2006-04-05" "2011-07-01" ...
## $ print_dt : chr "2015-09-12" "2009-09-01" "2006-04-05" "2011-07-06" ...
## $ timezn_nm : chr "EST" "PST" "MST" "CST" ...
## $ venue_city : chr "MANSFIELD" "QUINCY" "PHOENIX" "DALLAS" ...
## $ venue_state : chr "MASSACHUSETTS" "WASHINGTON" "ARIZONA" "TEXAS" ...
## $ venue_postal_cd_sgmt_1 : chr "02048" "98848" "85003" "75210" ...
## $ sales_platform_cd : chr "www.concerts.livenation.com" "NULL" "NULL" "NULL" ...
## $ print_flg : chr "T" "T" "T" "T" ...
## $ la_valid_tkt_event_flg : chr "N" "N" "N" "N" ...
## $ fin_mkt_nm : chr "Boston" "Seattle" "Arizona" "Dallas" ...
## $ web_session_cookie_val : chr "7dfa56dd7d5956b17587" "4f9e6fc637eaf7b736c2" "6c2545703bd527a7144d"
## $ gndr_cd : chr NA NA NA NA ...
## $ age_yr : chr NA NA NA NA ...
## $ income_amt : chr NA NA NA NA ...
## $ edu_val : chr NA NA NA NA ...
## $ edu_1st_indv_val : chr NA NA NA NA ...
## $ edu_2nd_indv_val : chr NA NA NA NA ...
## $ adults_in_hh_num : chr NA NA NA NA ...
## $ married_ind : chr NA NA NA NA ...
## $ child_present_ind : chr NA NA NA NA ...
## $ home_owner_ind : chr NA NA NA NA ...
## $ occpn_val : chr NA NA NA NA ...
## $ occpn_1st_val : chr NA NA NA NA ...
## $ occpn_2nd_val : chr NA NA NA NA ...
## $ dist_to_ven : chr NA "59" NA NA ...
```

```
# View a summary of sales
summary(sales)
```

```
##      X          event_id      primary_act_id
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## secondary_act_id purch_party_lkup_id event_name
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## primary_act_name secondary_act_name major_cat_name
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## minor_cat_name  la_event_type_cat event_disp_name
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## ticket_text     tickets_purchased_qty trans_face_val_amt
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## delivery_type_cd event_date_time      event_dt
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## presale_dt      onsale_dt      sales_ord_create_dttm
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## sales_ord_tran_dt print_dt      timezn_nm
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## venue_city      venue_state      venue_postal_cd_sgmt_1
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## sales_platform_cd print_flg      la_valid_tkt_event_flg
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## fin_mkt_nm      web_session_cookie_val gndr_cd
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## age_yr          income_amt      edu_val
## Length:2628    Length:2628    Length:2628
## Class :character Class :character Class :character
## Mode :character Mode :character Mode :character
## edu_1st_indv_val edu_2nd_indv_val adults_in_hh_num
## Length:2628    Length:2628    Length:2628
```

```
## Class :character      Class :character      Class :character
## Mode :character      Mode :character      Mode :character
## married_ind          child_present_ind      home_owner_ind
## Length:2628          Length:2628          Length:2628
## Class :character      Class :character      Class :character
## Mode :character      Mode :character      Mode :character
## occpn_val            occpn_1st_val          occpn_2nd_val
## Length:2628          Length:2628          Length:2628
## Class :character      Class :character      Class :character
## Mode :character      Mode :character      Mode :character
## dist_to_ven
## Length:2628
## Class :character
## Mode :character
```

```
# Load dplyr
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
##
## filter, lag
```

```
## The following objects are masked from 'package:base':
##
## intersect, setdiff, setequal, union
```

```
# Get a glimpse of sales
glimpse(sales)
```

```
## Observations: 2,628
## Variables: 46
## $ X                  <chr> "1", "2", "3", "4", "5", "6", "7", "8",...
## $ event_id           <chr> "abcafladb99a935fc661", "6c56d7f08c95f2...
## $ primary_act_id     <chr> "43f0436b905bfa7c2eec", "1a3e9aec06177...
## $ secondary_act_id   <chr> "b85143bf51323b72e53c", "f53529c5679ea6...
## $ purch_party_lkup_id <chr> "7dfa56dd7d5956b17587", "4f9e6fc637eaf7...
## $ event_name         <chr> "Xfinity Center Mansfield Premier Parki...
## $ primary_act_name   <chr> "XFINITY Center Mansfield Premier Parki...
## $ secondary_act_name <chr> "NULL", "Dave Matthews Band", "NULL", "...
## $ major_cat_name     <chr> "MISC", "MISC", "MISC", "MISC", "MISC",...
## $ minor_cat_name     <chr> "PARKING", "CAMPING", "PARKING", "PARKI...
## $ la_event_type_cat  <chr> "PARKING", "INVALID", "PARKING", "PARKI...
## $ event_disp_name    <chr> "Xfinity Center Mansfield Premier Parki...
## $ ticket_text        <chr> " THIS TICKET IS VALID FOR PAR...
## $ tickets_purchased_qty <chr> "1", "1", "1", "1", "1", "2", "1", "1",...
## $ trans_face_val_amt <chr> "45", "75", "5", "20", "20", "10", "30"...
## $ delivery_type_cd   <chr> "eTicket", "TicketFast", "TicketFast", ...
## $ event_date_time    <chr> "2015-09-12 23:30:00", "2009-09-05 01:0...
## $ event_dt           <chr> "2015-09-12", "2009-09-04", "2006-04-21..."
```

```
## $ presale_dt      <chr> "NULL", "NULL", "NULL", "NULL", "2005-0...
## $ onsale_dt      <chr> "2015-05-15", "2009-03-13", "2006-02-25...
## $ sales_ord_create_dttm <chr> "2015-09-11 18:17:45", "2009-07-06 00:0...
## $ sales_ord_tran_dt <chr> "2015-09-11", "2009-07-05", "2006-04-05...
## $ print_dt       <chr> "2015-09-12", "2009-09-01", "2006-04-05...
## $ timezn_nm      <chr> "EST", "PST", "MST", "CST", "PST", "PST...
## $ venue_city     <chr> "MANSFIELD", "QUINCY", "PHOENIX", "DALL...
## $ venue_state    <chr> "MASSACHUSETTS", "WASHINGTON", "ARIZONA...
## $ venue_postal_cd_sgmt_1 <chr> "02048", "98848", "85003", "75210", "98...
## $ sales_platform_cd <chr> "www.concerts.livenation.com", "NULL", ...
## $ print_flg      <chr> "T ", "T ", "T ", "T ", "T ", "T ", "T ...
## $ la_valid_tkt_event_flg <chr> "N ", "N ", "N ", "N ", "N ", "N ", "N ...
## $ fin_mkt_nm     <chr> "Boston", "Seattle", "Arizona", "Dallas...
## $ web_session_cookie_val <chr> "7dfa56dd7d5956b17587", "4f9e6fc637eaf7...
## $ gndr_cd        <chr> NA, NA, NA, NA, NA, NA, "M", NA, NA, NA...
## $ age_yr         <chr> NA, NA, NA, NA, NA, NA, "28", NA, NA, N...
## $ income_amt     <chr> NA, NA, NA, NA, NA, NA, "112500", NA, N...
## $ edu_val        <chr> NA, NA, NA, NA, NA, NA, "High School", ...
## $ edu_1st_indv_val <chr> NA, NA, NA, NA, NA, NA, "High School", ...
## $ edu_2nd_indv_val <chr> NA, NA, NA, NA, NA, NA, "NULL", NA, NA,...
## $ adults_in_hh_num <chr> NA, NA, NA, NA, NA, NA, "4", NA, NA, NA...
## $ married_ind    <chr> NA, NA, NA, NA, NA, NA, "0", NA, NA, NA...
## $ child_present_ind <chr> NA, NA, NA, NA, NA, NA, "1", NA, NA, NA...
## $ home_owner_ind <chr> NA, NA, NA, NA, NA, NA, "0", NA, NA, NA...
## $ occpn_val      <chr> NA, NA, NA, NA, NA, NA, "NULL", NA, NA,...
## $ occpn_1st_val  <chr> NA, NA, NA, NA, NA, NA, "Craftsman Blue...
## $ occpn_2nd_val  <chr> NA, NA, NA, NA, NA, NA, "NULL", NA, NA,...
## $ dist_to_ven    <chr> NA, "59", NA, NA, NA, NA, NA, NA, NA, N...
```

Removing redundant info

```
# Remove the first column of sales: sales2
sales2 <- sales[, -1]
```

Information not worth keeping

```
# Define a vector of column indices: keep
keep <-c(5:30)

# Subset sales2 using keep: sales3
sales3 <- subset(sales2,select=keep)
```

Separating columns

```
# Load tidyr
library(tidyr)

# Split event_date_time: sales4
sales4 <- separate(sales3, event_date_time,
                   c("event_dt","event_time"), sep = " ")
```

```
## Warning: Expected 2 pieces. Additional pieces discarded in 33 rows [97,
## 194, 223, 302, 466, 587, 731, 836, 945, 946, 947, 948, 1057, 1183, 1222,
## 1302, 1322, 1327, 1397, 1468, ...].
```

```
## Warning: Expected 2 pieces. Missing pieces filled with `NA` in 55 rows [87,  
## 88, 195, 224, 300, 301, 303, 467, 491, 492, 530, 531, 606, 607, 649, 650,  
## 695, 696, 739, 740, ...].
```

```
# Split sales_ord_create_dttm: sales5  
sales5 <- separate(sales4, sales_ord_create_dttm, c("ord_create_dt", "ord_create_time"), sep = " ")
```

```
## Warning: Expected 2 pieces. Additional pieces discarded in 24 rows [97,  
## 223, 491, 587, 731, 824, 946, 947, 948, 1057, 1183, 1222, 1232, 1322, 1687,  
## 1860, 1985, 2024, 2189, 2239, ...].
```

```
## Warning: Expected 2 pieces. Missing pieces filled with `NA` in 64 rows [87,  
## 88, 194, 195, 224, 300, 301, 302, 303, 466, 467, 492, 530, 531, 588, 606,  
## 607, 649, 650, 695, ...].
```

Dealing with warnings

```
# Define an issues vector  
issues <- c(2516, 3863, 4082, 4183)  
  
# Print values of sales_ord_create_dttm at these indices  
sales3$sales_ord_create_dttm[issues]
```

```
## [1] "2016-01-19 18:10:55" NA  
## [4] NA
```

```
# Print a well-behaved value of sales_ord_create_dttm  
sales3$sales_ord_create_dttm[2517]
```

```
## [1] "2006-10-14 00:00:00"
```

Identifying dates

```
# Load stringr  
library(stringr)  
  
# Find columns of sales5 containing "dt": date_cols  
date_cols <- str_detect(names(sales5), "dt")  
  
# Load lubridate  
library(lubridate)
```

```
##  
## Attaching package: 'lubridate'  
  
## The following object is masked from 'package:base':  
##  
## date
```



```
# Coerce date columns into Date objects
sales5[, date_cols] <- lapply(sales5[,date_cols], ymd)
```

```
## Warning: 32 failed to parse.
```

```
## Warning: 1550 failed to parse.
```

```
## Warning: 96 failed to parse.
```

```
## Warning: 21 failed to parse.
```

```
## Warning: 47 failed to parse.
```

```
## Warning: 243 failed to parse.
```

More warnings!

```
# Find date columns (don't change)
date_cols <- str_detect(names(sales5), "dt")

# Create logical vectors indicating missing values (don't change)
missing <- lapply(sales5[, date_cols], is.na)

# Create a numerical vector that counts missing values: num_missing
num_missing <- sapply(missing,sum)

# Print num_missing
num_missing
```

```
##          event_dt      presale_dt      onsale_dt      ord_create_dt
##          102          1598          144          91
## sales_ord_tran_dt      print_dt
##          95          291
```

Combining columns

```
# Combine the venue_city and venue_state columns
sales6 <- unite(sales5,venue_city_state,venue_city,venue_state,sep = ', ')

# View the head of sales6
head(sales6)
```

```
##                                     event_name
## 1 Xfinity Center Mansfield Premier Parking: Florida Georgia Line
## 2                Gorge Camping - dave matthews band - sept 3-7
## 3                Dodge Theatre Adams Street Parking - benise
## 4  Gexa Energy Pavilion Vip Parking : kid rock with sheryl crow
## 5                                     Premier Parking - motley crue
## 6                                     Fast Lane Access: Journey
##          primary_act_name secondary_act_name
```

```

## 1 XFINITY Center Mansfield Premier Parking NULL
## 2 Gorge Camping Dave Matthews Band
## 3 Parking Event NULL
## 4 Gexa Energy Pavilion VIP Parking NULL
## 5 White River Amphitheatre Premier Parking NULL
## 6 Fast Lane Access Journey
## major_cat_name minor_cat_name la_event_type_cat
## 1 MISC PARKING PARKING
## 2 MISC CAMPING INVALID
## 3 MISC PARKING PARKING
## 4 MISC PARKING PARKING
## 5 MISC PARKING PARKING
## 6 MISC SPECIAL ENTRY (UPSELL) UPSSELL
## event_disp_name
## 1 Xfinity Center Mansfield Premier Parking: Florida Georgia Line
## 2 Gorge Camping - dave matthews band - sept 3-7
## 3 Dodge Theatre Adams Street Parking - benise
## 4 Gexa Energy Pavilion Vip Parking : kid rock with sheryl crow
## 5 Premier Parking - motley crue
## 6 Fast Lane Access: Journey
##
## 1 THIS TICKET IS VALID FOR PARKING ONLY GOOD THIS DAY ONLY PREMIER PARKING P
## 2 %OVERNIGHT C A M P I N G%* * * * *
## 3 ADAMS STREET GARAGE%PARKING FOR 4/21/06 ONLY%DODGE THEATRE PARKING P
## 4 THIS TICKET IS VALID FOR PARKING ONLY GOOD FOR THIS DATE ONLY VIP PARKING PASS
## 5 THIS TICKET IS VALID%FOR PARKING ONLY%GOOD THIS DATE ONLY%PREMIER PARK
## 6 FAST LANE JOURNEY FAST LANE EVENT THIS IS NOT A TICKET
## tickets_purchased_qty trans_face_val_amt delivery_type_cd event_dt
## 1 1 45 eTicket 2015-09-12
## 2 1 75 TicketFast 2009-09-05
## 3 1 5 TicketFast 2006-04-22
## 4 1 20 Mail 2011-09-03
## 5 1 20 Mail 2005-07-31
## 6 2 10 TicketFast 2012-07-22
## event_time presale_dt onsale_dt ord_create_dt ord_create_time
## 1 23:30:00 <NA> 2015-05-15 2015-09-11 18:17:45
## 2 01:00:00 <NA> 2009-03-13 2009-07-06 00:00:00
## 3 01:30:00 <NA> 2006-02-25 2006-04-05 00:00:00
## 4 00:00:00 <NA> 2011-04-22 2011-07-01 17:38:50
## 5 01:00:00 2005-03-02 2005-03-04 2005-06-18 00:00:00
## 6 02:00:00 <NA> 2012-04-11 2012-07-21 17:20:18
## sales_ord_tran_dt print_dt timezn_nm venue_city_state
## 1 2015-09-11 2015-09-12 EST MANSFIELD, MASSACHUSETTS
## 2 2009-07-05 2009-09-01 PST QUINCY, WASHINGTON
## 3 2006-04-05 2006-04-05 MST PHOENIX, ARIZONA
## 4 2011-07-01 2011-07-06 CST DALLAS, TEXAS
## 5 2005-06-18 2005-06-28 PST AUBURN, WASHINGTON
## 6 2012-07-21 2012-07-21 PST SAN BERNARDINO, CALIFORNIA
## venue_postal_cd_sgmt_1 sales_platform_cd print_flg
## 1 02048 www.concerts.livenation.com T
## 2 98848 NULL T
## 3 85003 NULL T
## 4 75210 NULL T
## 5 98092 NULL T

```

## 6	92407	www.livenation.com	T
##	la_valid_tkt_event_flg	fin_mkt_nm	
## 1	N	Boston	
## 2	N	Seattle	
## 3	N	Arizona	
## 4	N	Dallas	
## 5	N	Seattle	
## 6	N	Los Angeles	