

# DA5020 Assignment 12

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## 3. Perform the following fetch operations:

### a. (10 points) Fetch the unique airport names from the database

The screenshot shows the RStudio interface with the following components:

- Source:** The R script editor is empty.
- Console:** The following R code has been executed:

```
> #Fetch the unique airport names from the database
> airports<-mongoData$distinct("Airport_Name")
> airports
```

The output is a list of 81 unique airport names, including: "NEWARK LIBERTY INTL ARPT", "DENVER INTL AIRPORT", "JOHN F KENNEDY INTL", "MIAMI INTL", "SALT LAKE CITY INTL", "KANSAS CITY INTL", "SAN ANTONIO INTL", "THEODORE FRANCIS GREEN STATE", "BALTIMORE WASH INTL", "TETERBORO AIRPORT", "WILMINGTON INTL", "GROTON-NEW LONDON AR", "RONALD REAGAN WASHINGTON NATL", "ORLANDO SANFORD INTL AIRPORT", "SARASOTA-BRADENTON", "SHEPPARD ATR FORCE BASE", "AUSTIN STRAUBEL INTL", "PORTLAND INTL (OR)", "DALLAS/FORT WORTH INTL ARPT", "LAMBERT-ST LOUIS INTL", "INDIANAPOLIS INTL", "MAHLON SWEET FLD", "BURKE LAKEFRONT", "HUNTSVILLE INTL", "GREATER ROCHESTER INTL", "WASHINGTON DULLES INTL ARPT", "JACKSON EVERS INTL", "LAGUARDIA NY", "LIHUE ARPT", "OPA-LOCKA EXECUTIVE ARPT", "METRO OAKLAND INTL", "LOGAN INTL", "AMSTERDAM SCHIPHOL", "GLENDALE MUNICIPAL ARPT", "RALEIGH-DURHAM INTL", "PEASE INTL TRADEPORT", "JUAN SANTAMARIA INTL", "NAPA COUNTY ARPT", "MOBILE REGIONAL", "NEW ORLEANS INTL", "SEATTLE-TACOMA INTL", "UNKNOWN", "CHICAGO O'HARE INTL ARPT", "CINCINNATI MUNI ARPT-LUNKEN FIELD", "SAN FRANCISCO INTL ARPT", "SOUTHWEST FLORIDA INTL ARPT", "NASHVILLE INTL", "PENSACOLA REGIONAL", "ATLANTA INTL", "MINETA SAN JOSE INTL", "LAFAYETTE REGIONAL (LA)", "LUIS MUNOZ MARIN INTL -SAN JUAN", "PORT COLUMBUS INTL", "SAN DIEGO INTL", "ORLANDO INTL", "SYRACUSE HANCOCK INTL", "DETROIT METRO WAYNE COUNTY ARPT", "LOS ANGELES INTL", "PUEBLO MEMORIAL ARPT", "ONTARIO INTL ARPT", "REID-HILLVIEW ARPT OF SANTA CLARA CNTY", "MCCARREN INTL", "PORTLAND INTL JETPORT (ME)", "COASTAL CAROLINA REGIONAL ARPT", "DAYTONA BEACH INTL", "STOCKTON METRO", "DANBURY MUNICIPAL ARPT", "OAKLAND COUNTY INTL", "MEMPHIS INTL", "SACRAMENTO INTL", "MYRTLE BEACH INTL", "SANTO DOMINGO/LAS AM", "TED STEVENS ANCHORAGE INTL", "TUCSON INTL", "TWEED-NEW HAVEN ARPT", "SACRAMENTO EXECUTIVE ARPT", "EGLIN AFB/NW FLORIDA REGIONAL ARPT", "HAYWARD EXECUTIVE ARPT", "FORT LAUDERDALE EXECUTIVE ARPT", "JACKSONVILLE INTL", "GREATER PITTSBURGH", "MINNEAPOLIS-ST PAUL INTL".
- Environment:** The 'airports' variable is shown as a character vector of length 1704, with the value "NEWARK LIBERTY INTL ARPT..." displayed.
- Files, Plots, Packages, Help, Viewer:** These panes are empty.

**b. (10 points) Count the number of records where originState equals “New Jersey”**

The screenshot shows the RStudio interface. The console window on the left contains the following R code and its output:

```
> # Count the number of records where originState equals "New Jersey"
> mongoData$count('{"origin_State": "New Jersey"}')
[1] 2936
> |
```

The Environment pane on the right shows the following data objects:

Object	Size
ConditionsPre..	878 obs. of 35 variables
dat	3851 obs. of 5 variables
dat1	833 obs. of 5 variables
data	99404 obs. of 37 variables
merged.data	4684 obs. of 5 variables

The Values pane shows the following values:

Object	Value
airports	chr [1:1704] "NEWARK LIBERTY INTL ARPT_"
mongoData	Environment

The Windows taskbar at the bottom shows the date and time as 7:21 PM on 4/15/2017.

c. (10 points) Fetch the data with conditionsPrecipitation being fog and sort the data in descending order of recordId.

RStudio interface showing the console output of a MongoDB query. The query fetches data with conditionsPrecipitation being fog and sorts the data in descending order of recordId. The Environment pane shows the loaded data objects.

```

> #Fetch the data with conditionsPrecipitation being fog and sort the data in descending order of recordId.
> ConditionsPrecipitation <- mongoData$find(['Conditions__Precipitation':"Fog"],sort='{"Record_ID":-1}')
> head(ConditionsPrecipitation)
  Aircraft_Type Airport_Name Altitude_bin Aircraft_Make_Model Wildlife_Number_struck
1   Airplane  REDDING MUNICIPAL > 1000 ft      EMB-120              1
2   Airplane  HEATHROW - LONDON < 1000 ft      A-330              2 to 10
3   Airplane  ADAMS FIELD ARPT > 1000 ft      CL-RJ900            1
4   Airplane  GEORGE BUSH INTERCONTINENTAL < 1000 ft      EMB-145            2 to 10
5   Airplane  JOHN F KENNEDY INTL < 1000 ft      B-737-800          11 to 100
6   Airplane  SACRAMENTO INTL Unknown      CL-R1100/200        1
  Effect_Impact_to_Flight Effect_Other Location_Nearby_if_en_route Aircraft_Flight_Number FlightDate Record_ID
1      None              None                                Fog              12/30/2011 0:00      321151
2      None              None                                Fog              12/6/2010 0:00      320316
3      None              None                                Fog              12/13/2011 0:00      319957
4      None              None                                Fog              12/31/2011 0:00      319683
5      None              None                                Fog              1850 12/5/2011 0:00      319537
6      None              None                                Fog              4562 11/29/2011 0:00      319476
  Effect_Indicated_Damage Location_Freeform_en_route Aircraft_Number_of_engines Aircraft_Airline_Operator
1      No damage              No damage              2 SKYWEST AIRLINES
2      No damage              No damage              2 US AIRWAYS
3      No damage              No damage              2 MESA AIRLINES
4      No damage              No damage              2 ATLANTIC SOUTHEAST
5      No damage              No damage              2 AMERICAN AIRLINES
6      No damage              No damage              2 SKYWEST AIRLINES
  Origin_State When_Phase_of_Flight Conditions_Precipitation Remains_of_wildlife_collected
1   California Approach              Fog              FALSE
2      N/A      Approach              Fog              FALSE
3   Arkansas Approach              Fog              FALSE
4   Texas Landing Roll              Fog              FALSE
5   New York Take-off run              Fog              TRUE
6   California Approach              Fog              TRUE
  Remains_of_wildlife_sent_to_Smithsonian
1      FALSE
2      FALSE
3      FALSE
4      FALSE
5      FALSE
6      TRUE
  Remarks
1
2      DUCK? NO DMG REPTD.
3
4      LEADING EDGE OF L WING AND ON NOSE GEAR. NO REMAINS FOUND ON RWY INSPN. REF# LHR2010/12/06
5
6      EVIDENCE OF STRIKE ON
  
```

Environment pane:

- airports chr [1:1704] "NEWARK LIBERTY INTL ARPT..."
- mongoData Environment

RStudio interface showing a data frame with 27 entries. The data frame contains information about aircraft incidents, including flight date, record ID, effect indicated damage, location, aircraft number of engines, aircraft airline operator, origin state, when phase of flight, conditions precipitation, and remains of wildlife collected.

umber	FlightDate	Record_ID	Effect_Indicated_Damage	Location_Freeform_en_route	Aircraft_Number_of_engines	Aircraft_Airline_Operator	Origin_State	When_Phase_of_flight	Conditions_Precipitation	Remains_of_wildlife_collected
1	12/30/2011 0:00	321151	No damage		2	SKYWEST AIRLINES	California	Approach	Fog	FALSE
2	12/6/2010 0:00	320316	No damage		2	US AIRWAYS	N/A	Approach	Fog	FALSE
3	12/13/2011 0:00	319957	No damage		2	MESA AIRLINES	Arkansas	Approach	Fog	FALSE
4	12/31/2011 0:00	319683	No damage		2	ATLANTIC SOUTHEAST	Texas	Landing Roll	Fog	FALSE
5	12/5/2011 0:00	319537	No damage		2	AMERICAN AIRLINES	New York	Take-off run	Fog	TRUE
6	11/29/2011 0:00	319476	No damage		2	SKYWEST AIRLINES	California	Approach	Fog	TRUE
7	11/27/2011 0:00	319463	No damage		2	SOUTHWEST AIRLINES	Arizona	Take-off run	Fog	TRUE
8	11/27/2011 0:00	319462	No damage		2	JETBLUE AIRWAYS	California	Approach	Fog	TRUE
9	11/27/2011 0:00	319457	Caused damage		2	ALASKA AIRLINES	California	Approach	Fog	TRUE
10	11/26/2011 0:00	319456	No damage		2	UNITED AIRLINES	California	Approach	Fog	TRUE
11	11/26/2011 0:00	319452	No damage		2	BUSINESS	California	Approach	Fog	TRUE
12	11/15/2011 0:00	319332	No damage		2	SKYWEST AIRLINES	Oregon	Landing Roll	Fog	TRUE
13	11/15/2011 0:00	319331	No damage		2	HORIZON AIR	Oregon	Take-off run	Fog	TRUE
14	11/10/2011 0:00	319299	No damage		2	SOUTHWEST AIRLINES	New Hampshire	Approach	Fog	TRUE
15	10/13/2010 0:00	318924	No damage		2	HORIZON AIR	Washington	Approach	Fog	TRUE
16	11/30/2011 0:00	318899	No damage		2	SOUTHWEST AIRLINES	California	Approach	Fog	TRUE
17	10/14/2011 0:00	318476	No damage		2	BUSINESS	Delaware	Approach	Fog	TRUE
18	10/6/2011 0:00	318285	No damage		2	ALASKA AIRLINES	Washington	Climb	Fog	FALSE
19	10/6/2011 0:00	318283	No damage		2	ALASKA AIRLINES	Washington	Approach	Fog	TRUE
20	10/3/2011 0:00	318219	No damage		2	MESA AIRLINES	Vermont	Approach	Fog	TRUE
21	10/8/2011 0:00	318159	No damage		2	ALASKA AIRLINES	Washington	Approach	Fog	TRUE
22	10/23/2011 0:00	317724	No damage		2	JETBLUE AIRWAYS	California	Take-off run	Fog	TRUE
23	10/24/2011 0:00	317615	No damage		2	AMERICAN AIRLINES	Texas	Landing Roll	Fog	TRUE
24	10/20/2011 0:00	317577	No damage		2	BUSINESS	California	Landing Roll	Fog	TRUE
25	10/13/2011 0:00	317521	No damage		2	AMERICAN EAGLE AIRLINES	New York	Take-off run	Fog	TRUE
26	10/3/2011 0:00	317457	No damage	FOUND AT BTV	2	JETBLUE AIRWAYS	N/A		Fog	TRUE

Showing 1 to 27 of 878 entries

d. (30 points) Fetch only the following columns for aircraftAirlineOperator: “AMERICAN AIRLINES” and “CONTINENTAL AIRLINES” i. recordId ii. originState iii. aircraftAirlineOperator iv. airportName

### American Airlines

```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function Addins Project: (None)

Source
Console
> # Fetch only the columns recordId,originState,aircraftAirlineOperator and airportName for aircraftAirlineOperator:"AMERICAN AIRLINES" and "CONTINENTAL AIRLINES"
> americanAirlines<- mongoData$find('{"Aircraft__Airline_Operator":"AMERICAN AIRLINES"}', fields = '{"Record_ID":1, "Origin_State":1, "Aircraft__Airline_Operator":1,"Airport__Name":1}')
> head(americanAirlines)
  _id Record_ID Aircraft__Airline_Operator Airport__Name
1 58f296b9a1e4b82cbc004e89 UNKNOWN 204787 AMERICAN AIRLINES N/A
2 58f296b9a1e4b82cbc004e98 MINETA SAN JOSE INTL 208470 AMERICAN AIRLINES California
3 58f296b9a1e4b82cbc004eaf JOHN F KENNEDY INTL 202568 AMERICAN AIRLINES New York
4 58f296b9a1e4b82cbc004eb7 DALLAS/FORT WORTH INTL ARPT 200470 AMERICAN AIRLINES Texas
5 58f296b9a1e4b82cbc004ec5 JOHN F KENNEDY INTL 202957 AMERICAN AIRLINES New York
6 58f296b9a1e4b82cbc004ee6 SANTO DOMINGO/LAS AM 200801 AMERICAN AIRLINES N/A
  Origin_State
1 N/A
2 California
3 New York
4 Texas
5 New York
6 N/A
> View(americanAirlines)
> |
```

The RStudio interface displays a data table with the following columns: `_id`, `Airport__Name`, `Record_ID`, `Aircraft__Airline_Operator`, and `Origin_State`. The table contains 27 rows of data for American Airlines flights. The Environment pane on the right shows the loaded objects: `americanAirlines` (3851 obs. of 5 variables), `ConditionsPrecipita...` (878 obs. of 35 variables), `dat` (3851 obs. of 5 variables), `dat1` (833 obs. of 5 variables), `data` (99404 obs. of 37 variables), and `merged.data` (4684 obs. of 5 variables). The `Values` pane shows the structure of the `airports` and `mongoData` objects.

_id	Airport__Name	Record_ID	Aircraft__Airline_Operator	Origin_State
1 58f296b9a1e4b82cbc004e89	UNKNOWN	204787	AMERICAN AIRLINES	N/A
2 58f296b9a1e4b82cbc004e98	MINETA SAN JOSE INTL	208470	AMERICAN AIRLINES	California
3 58f296b9a1e4b82cbc004eaf	JOHN F KENNEDY INTL	202568	AMERICAN AIRLINES	New York
4 58f296b9a1e4b82cbc004eb7	DALLAS/FORT WORTH INTL ARPT	200470	AMERICAN AIRLINES	Texas
5 58f296b9a1e4b82cbc004ec5	JOHN F KENNEDY INTL	202957	AMERICAN AIRLINES	New York
6 58f296b9a1e4b82cbc004ee6	SANTO DOMINGO/LAS AM	200801	AMERICAN AIRLINES	N/A
7 58f296b9a1e4b82cbc004f03	SACRAMENTO INTL	201961	AMERICAN AIRLINES	California
8 58f296b9a1e4b82cbc004f19	CHICAGO OHARE INTL ARPT	205958	AMERICAN AIRLINES	Illinois
9 58f296b9a1e4b82cbc004f2b	DALLAS/FORT WORTH INTL ARPT	204687	AMERICAN AIRLINES	Texas
10 58f296b9a1e4b82cbc004f35	NEWARK LIBERTY INTL ARPT	202339	AMERICAN AIRLINES	New Jersey
11 58f296b9a1e4b82cbc004f42	SIMON BOLIVAR INTL	201385	AMERICAN AIRLINES	N/A
12 58f296b9a1e4b82cbc004f59	GRANTLEY ADAMS BARBA	203757	AMERICAN AIRLINES	N/A
13 58f296b9a1e4b82cbc004f65	SAN FRANCISCO INTL ARPT	202505	AMERICAN AIRLINES	California
14 58f296b9a1e4b82cbc004f6d	MINETA SAN JOSE INTL	200751	AMERICAN AIRLINES	California
15 58f296b9a1e4b82cbc004f77	DALLAS/FORT WORTH INTL ARPT	201575	AMERICAN AIRLINES	Texas
16 58f296b9a1e4b82cbc004f78	LA ROMANA INTL	201249	AMERICAN AIRLINES	N/A
17 58f296b9a1e4b82cbc004f8	DALLAS/FORT WORTH INTL ARPT	203939	AMERICAN AIRLINES	Texas
18 58f296b9a1e4b82cbc004fb5	DALLAS/FORT WORTH INTL ARPT	200457	AMERICAN AIRLINES	Texas
19 58f296b9a1e4b82cbc004fb7	EPPLEY AIRFIELD	200458	AMERICAN AIRLINES	Nebraska
20 58f296b9a1e4b82cbc004fc7	DALLAS/FORT WORTH INTL ARPT	205449	AMERICAN AIRLINES	Texas
21 58f296b9a1e4b82cbc005006	DALLAS/FORT WORTH INTL ARPT	203742	AMERICAN AIRLINES	Texas
22 58f296b9a1e4b82cbc005008	GEORGE BUSH INTERCONTINENTAL	200471	AMERICAN AIRLINES	Texas
23 58f296b9a1e4b82cbc00502a	DALLAS/FORT WORTH INTL ARPT	203074	AMERICAN AIRLINES	Texas
24 58f296b9a1e4b82cbc00502c	TAMPA INTL	200454	AMERICAN AIRLINES	Florida
25 58f296b9a1e4b82cbc00502e	JOHN F KENNEDY INTL	204966	AMERICAN AIRLINES	New York
26 58f296b9a1e4b82cbc00502f	DALLAS/FORT WORTH INTL ARPT	200455	AMERICAN AIRLINES	Texas
27 58f296b9a1e4b82cbc005038	JOHN F KENNEDY INTL	200636	AMERICAN AIRLINES	New York

## Continental Airlines

RStudio

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Go to file/function Addins

Source

```
> continentalAirlines <- mongoData$find({'Aircraft_Airline_Operator':"CONTINENTAL AIRLINES"}, fields =
{'Record_ID':1, "Origin_State":1, "Aircraft_Airline_Operator":1,"Airport_Name":1})
> head(continentalAirlines)
```

	_id	Airport_Name	Record_ID	Aircraft_Airline_Operator
1	58f296b9a1e4b82cbc004e83	NEWARK LIBERTY INTL ARPT	200508	CONTINENTAL AIRLINES
2	58f296b9a1e4b82cbc004e9c	LAFAYETTE REGIONAL (LA)	204764	CONTINENTAL AIRLINES
3	58f296b9a1e4b82cbc004f43	UNKNOWN	208539	CONTINENTAL AIRLINES
4	58f296b9a1e4b82cbc004fd4	UNKNOWN	205201	CONTINENTAL AIRLINES
5	58f296b9a1e4b82cbc00507b	NEWARK LIBERTY INTL ARPT	202226	CONTINENTAL AIRLINES
6	58f296b9a1e4b82cbc00509b	UNKNOWN	202964	CONTINENTAL AIRLINES

Origin\_State

1	New Jersey
2	Louisiana
3	N/A
4	N/A
5	New Jersey
6	N/A

Environment History

Global Environment

Data

- americanAirlines 3851 obs. of 5 variables
- ConditionsPrecipita 878 obs. of 35 variables
- continentalAirlines 833 obs. of 5 variables
- dat 3851 obs. of 5 variables
- dat1 833 obs. of 5 variables
- data 99404 obs. of 37 variables
- merged.data 4684 obs. of 5 variables

Values

airports chr [1:1704] "NEWARK LIBERTY INTL ARPT" "UNKNOWN" "DENV..."

Files Plots Packages Help Viewer

Zoom Export

7:26 PM 4/15/2017

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

ramेशa\_TermProject.r x ramesh\_a\_Assignment12.r x continentalAirlines x r x myInputCSV x Untitled1 x lastfm x

Filter

	_id	Airport_Name	Record_ID	Aircraft_Airline_Operator	Origin_State
1	58f296b9a1e4b82cbc004e83	NEWARK LIBERTY INTL ARPT	200508	CONTINENTAL AIRLINES	New Jersey
2	58f296b9a1e4b82cbc004e9c	LAFAYETTE REGIONAL (LA)	204764	CONTINENTAL AIRLINES	Louisiana
3	58f296b9a1e4b82cbc004f43	UNKNOWN	208539	CONTINENTAL AIRLINES	N/A
4	58f296b9a1e4b82cbc004fd4	UNKNOWN	205201	CONTINENTAL AIRLINES	N/A
5	58f296b9a1e4b82cbc00507b	NEWARK LIBERTY INTL ARPT	202226	CONTINENTAL AIRLINES	New Jersey
6	58f296b9a1e4b82cbc00509b	UNKNOWN	202964	CONTINENTAL AIRLINES	N/A
7	58f296b9a1e4b82cbc0050fc	WESTCHESTER COUNTY ARPT	201387	CONTINENTAL AIRLINES	New York
8	58f296b9a1e4b82cbc005107	SOUTHWEST FLORIDA INTL ARPT	204509	CONTINENTAL AIRLINES	Florida
9	58f296b9a1e4b82cbc005149	NEWARK LIBERTY INTL ARPT	200586	CONTINENTAL AIRLINES	New Jersey
10	58f296b9a1e4b82cbc005163	UNKNOWN	200407	CONTINENTAL AIRLINES	N/A
11	58f296b9a1e4b82cbc005230	MINNEAPOLIS-ST PAUL INTL	200682	CONTINENTAL AIRLINES	Minnesota
12	58f296b9a1e4b82cbc005237	PALM BEACH INTL	200218	CONTINENTAL AIRLINES	Florida
13	58f296b9a1e4b82cbc005325	MIAMI INTL	204976	CONTINENTAL AIRLINES	Florida
14	58f296b9a1e4b82cbc0053ee	BUFFALO-NIAGARA INTL	203672	CONTINENTAL AIRLINES	New York
15	58f296b9a1e4b82cbc005405	SEATTLE-TACOMA INTL	208706	CONTINENTAL AIRLINES	Washington
16	58f296b9a1e4b82cbc005574	NEW ORLEANS INTL	203652	CONTINENTAL AIRLINES	Louisiana
17	58f296b9a1e4b82cbc005648	CORPUS CHRISTI INTL ARPT	202943	CONTINENTAL AIRLINES	Texas
18	58f296b9a1e4b82cbc00565d	SAN FRANCISCO INTL ARPT	200128	CONTINENTAL AIRLINES	California
19	58f296b9a1e4b82cbc005669	NEW ORLEANS INTL	201375	CONTINENTAL AIRLINES	Louisiana
20	58f296b9a1e4b82cbc0056fb	GEORGE BUSH INTERCONTINENTAL	201988	CONTINENTAL AIRLINES	Texas
21	58f296b9a1e4b82cbc005735	NEWARK LIBERTY INTL ARPT	209918	CONTINENTAL AIRLINES	New Jersey
22	58f296b9a1e4b82cbc00580f	SAN FRANCISCO INTL ARPT	200696	CONTINENTAL AIRLINES	California
23	58f296b9a1e4b82cbc0058ce	ALBANY INTL	205587	CONTINENTAL AIRLINES	New York
24	58f296b9a1e4b82cbc0058e6	UNKNOWN	228776	CONTINENTAL AIRLINES	N/A
25	58f296b9a1e4b82cbc005a2a	DALLAS/FORT WORTH INTL ARPT	205483	CONTINENTAL AIRLINES	Texas
26	58f296b9a1e4b82cbc005a7e	THEODORE FRANCIS GREEN STATE	203751	CONTINENTAL AIRLINES	Rhode Island
27	58f296b9a1e4b82cbc005a9a	BIRMINGHAM-SHUTTLESWORTH INTL	201663	CONTINENTAL AIRLINES	Alabama

Showing 1 to 27 of 833 entries

Environment History

Global Environment

Data

- americanAirlines 3851 obs. of 5 variables
- ConditionsPrecipita 878 obs. of 35 variables
- continentalAirlines 833 obs. of 5 variables
- dat 3851 obs. of 5 variables
- dat1 833 obs. of 5 variables
- data 99404 obs. of 37 variables
- merged.data 4684 obs. of 5 variables

Values

airports chr [1:1704] "NEWARK LIBERTY INTL ARPT" "UNKNOWN" "DENV..."

Files Plots Packages Help Viewer

Zoom Export

7:27 PM 4/15/2017

## American and Continental Airlines merged.

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Project: (None)

ramesha\_TermProject.r x ramesha\_Assignment12.r x merged.data x continentalAirlines x r x myinput.csv x Untitled: 3D x

Filter

id	Airport_Name	Record_ID	Aircraft_Airline_Operator	Origin_State
1	UNKNOWN	204787	AMERICAN AIRLINES	N/A
2	MINETA SAN JOSE INTL	208470	AMERICAN AIRLINES	California
3	JOHN F KENNEDY INTL	202568	AMERICAN AIRLINES	New York
4	DALLAS/FORT WORTH INTL ARPT	200470	AMERICAN AIRLINES	Texas
5	JOHN F KENNEDY INTL	202957	AMERICAN AIRLINES	New York
6	SANTO DOMINGO/LAS AM	200801	AMERICAN AIRLINES	N/A
7	SACRAMENTO INTL	201961	AMERICAN AIRLINES	California
8	CHICAGO OHARE INTL ARPT	205958	AMERICAN AIRLINES	Illinois
9	DALLAS/FORT WORTH INTL ARPT	204687	AMERICAN AIRLINES	Texas
10	NEWARK LIBERTY INTL ARPT	202339	AMERICAN AIRLINES	New Jersey
11	SIMON BOLIVAR INTL	201385	AMERICAN AIRLINES	N/A
12	GRANTLEY ADAMS BARBA	203757	AMERICAN AIRLINES	N/A
13	SAN FRANCISCO INTL ARPT	202505	AMERICAN AIRLINES	California
14	MINETA SAN JOSE INTL	200751	AMERICAN AIRLINES	California
15	DALLAS/FORT WORTH INTL ARPT	201575	AMERICAN AIRLINES	Texas
16	LA ROMANA INTL	201249	AMERICAN AIRLINES	N/A
17	DALLAS/FORT WORTH INTL ARPT	203939	AMERICAN AIRLINES	Texas
18	DALLAS/FORT WORTH INTL ARPT	200457	AMERICAN AIRLINES	Texas
19	EPPLEY AIRFIELD	200458	AMERICAN AIRLINES	Nebraska
20	DALLAS/FORT WORTH INTL ARPT	205449	AMERICAN AIRLINES	Texas
21	DALLAS/FORT WORTH INTL ARPT	203742	AMERICAN AIRLINES	Texas
22	GEORGE BUSH INTERCONTINENTAL	200471	AMERICAN AIRLINES	Texas
23	DALLAS/FORT WORTH INTL ARPT	203074	AMERICAN AIRLINES	Texas
24	TAMPA INTL	200454	AMERICAN AIRLINES	Florida
25	JOHN F KENNEDY INTL	204966	AMERICAN AIRLINES	New York
26	DALLAS/FORT WORTH INTL ARPT	200455	AMERICAN AIRLINES	Texas
27	JOHN F KENNEDY INTL	200636	AMERICAN AIRLINES	New York

Showing 1 to 27 of 4,684 entries

Console

Environment History

Global Environment

Data

- americanAirlines 3851 obs. of 5 variables
- ConditionsPrecipita 878 obs. of 35 variables
- continentalAirlines 833 obs. of 5 variables
- dat 3851 obs. of 5 variables
- dat1 833 obs. of 5 variables
- data 99404 obs. of 37 variables
- merged.data 4684 obs. of 5 variables

Values

airports chr [1:1704] "NEWARK LIBERTY INTL ARPT" "UNKNOWN" "DENV..."

Files Plots Packages Help Viewer

Zoom Export

7:28 PM 4/15/2017