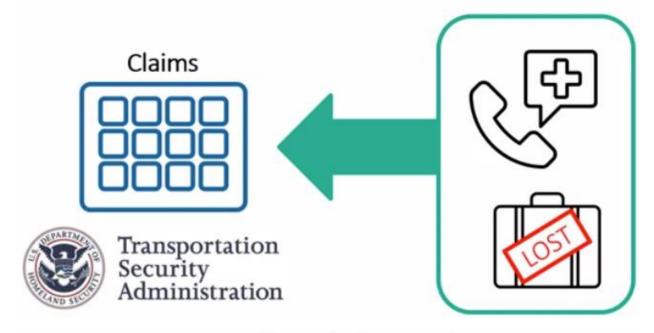
Practice for the SAS Programmer Certification

Case Study 1: TSA Claims

Analyze United States TSA Claims Data

SAS Programming Case Study

Business Scenario



Data Information

TSAClaims2002_2017







Claim_Number
Incident_Date, Date_Received
Claim_Type
Claim_Site
Disposition
Close_Amount
Item_Category
Airport_Code, Airport_Name
County, City, State, Statename



/* Accessing Data */

%let path=/home/u58304328/ECRB94/data;

libname tsa "&path";

options validvarname=v7;

proc import datafile="&path/TSAClaims2002_2017.csv"

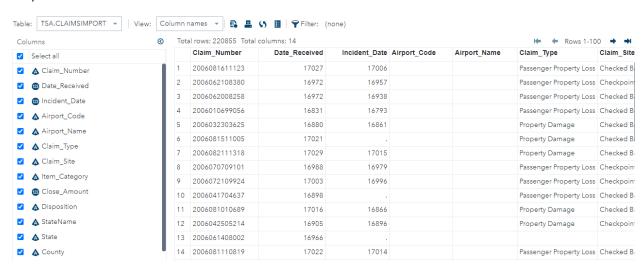
dbms=csv

out=tsa.ClaimsImport

replace;

guessingrows=max;

run;



/* Exploring Data */

proc print data=tsa.ClaimsImport(obs=30);

run;



proc contents data=tsa.ClaimsImport varnum;

run:

Observation results:

- 1. There are 220,855 records with 14 variables (columns)
- 2. Date_Received and Incident_Date formats are BEST12, where it should be DATE format
- 3. Close_Amount format is BEST12, where it should be dollar amount format

The CONTENTS Procedure					
Data Set Name	TSA.CLAIMSIMPORT	Observations	220855		
Member Type	DATA	Variables	14		
Engine	V9	Indexes	0		
Created	05/09/2021 21:21:28	Observation Length	1072		
Last Modified	05/09/2021 21:21:28	Deleted Observations	0		
Protection		Compressed	NO		
Data Set Type		Sorted	NO		
Label					
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64				
Encoding	utf-8 Unicode (UTF-8)				

Engine/Host Dependent Information				
Data Set Page Size	131072			
Number of Data Set Pages	1811			
First Data Page	1			
Max Obs per Page	122			
Obs in First Data Page	118			
Number of Data Set Repairs	0			
Filename	/home/u58304328/ECRB94/data/claimsimport.sas7bdat			
Release Created	9.0401M6			
Host Created	Linux			
Inode Number	12962729974			
Access Permission	rw-rr			
Owner Name	u58304328			
File Size	227MB			
File Size (bytes)	237502464			

	Variables in Creation Order							
#	Variable	Type	Len	Format	Informat			
1	Claim_Number	Char	13	\$13.	\$13.			
2	Date_Received	Num	8	BEST12.	BEST32.			
3	Incident_Date	Num	8	BEST12.	BEST32.			
4	Airport_Code	Char	3	\$3.	\$3.			
5	Airport_Name	Char	48	\$48.	\$48.			
6	Claim_Type	Char	39	\$39.	\$39.			
7	Claim_Site	Char	15	\$15.	\$15.			
8	Item_Category	Char	834	\$834.	\$834.			
9	Close_Amount	Num	8	BEST12.	BEST32.			
10	Disposition	Char	23	\$23.	\$23.			
11	StateName	Char	17	\$17.	\$17.			
12	State	Char	2	\$2.	\$2.			
13	County	Char	20	\$20.	\$20.			
14	City	Char	33	\$33.	\$33.			

```
proc freq data=tsa.ClaimsImport;

tables claim_site

disposition

claim_type

date_received

incident_date / nocum nopercent;

format date_received incident_date year4.;
```

run;

Observation Results:

- 1. Claim_Site has 387 missing values (-) which should be replaced with UNKNOWN values
- 2. Disposition has 12,766 missing values (-) which should be replaced with UNKNOWN values
- 3. Disposition has multiple variation of "Closed: Canceled" values which should be "Closed: Canceled"
- 4. Disposition has misspelled "losed: Contractor Claim: values which should be "Closed: Contractor Claim" values
- 5. Claim_Type has 375 missing values (-) which should be replaced with UNKNOWN values
- 6. Claim_Type has multiple variation of "Passenger Property Loss" values which should be "Passenger Property Loss"
- 7. Claim_Type has multiple variation of "Property Damage" values which should be "Property Damage"
- 8. Date Received has 260 missing values
- 9. Date_Received has invalid dates that are beyond year 2017
- 10. Incident_Date has 2,329 missing values
- 11. Incident_Date has invalid dates that are beyond year 2002 to 2017

The FREQ Procedure

Claim_Site	Frequency		
-	387		
Bus Station	20		
Checked Baggage	171504		
Checkpoint	44748		
Motor Vehicle	540		
Not Provided	1		
Other	2912		
Pre-Check	8		
Frequency Missing = 735			

Disposition	Frequency		
*Insufficient	1735		
-	12766		
Approve in Full	48956		
Closed: Canceled	167		
Closed:Canceled	284		
Closed:Contractor Claim	115		
Deny	99800		
In Review	8938		
Pending Payment	1		
Received	14		
Settle	34422		
losed: Contractor Claim	73		
Frequency Missing = 13784			

Claim_Type	Frequency			
-	375			
Bus Terminal	1			
Complaint	73			
Compliment	3			
Employee Loss (MPCECA)	492			
Missed Flight	32			
Motor Vehicle	423			
Not Provided	2			
Passenger Property Loss	126795			
Passenger Property Loss/Personal Injur	8			
Passenger Property Loss/Personal Injury	13			
Passenger Theft	479			
Personal Injury	1613			
Property Damage	82603			
Property Damage/Personal Injury	14			
Property Loss	17			
Wrongful Death	4			
Frequency Missing = 7908				

Data Danahard	F	
Date_Received	Frequency	
2002	1054	
2003	22474	
2004	29778	
2005	24539	
2006	19091	
2007	18870	3004 1
2008	16439	3005 5
2009	12803	Frequency Missing = 260
2010	10925	Trequency missing 200
2011	10905	
2012	10069	Incident_Date Frequency
2013	9698	1996 1
2014	8855	2000 14
2015	8867	2001 15
2016	7973	2002 2158
2017	8618	2003 24508
2020	1	2004 28960
2025	5	2005 22971
2040	1	2006 18806
2044	1	2007 18275
2055	1	2008 15902
2094	1	2009 11179
2200	1	2010 12215
2204	7	2011 10995
2205	4	2012 9997
2206	2	2013 9536
2207	1	2014 8680
2208	1	2015 7721
2500	2	2016 8188
2900	1	2017 8403
2907	1	2018 2
2996	1	Frequency Missing = 2329

proc print data=tsa.ClaimsImport;

where date_received < incident_date;

format date_received incident_date date9.;

run;

Observation Results:

There are data with Incident_Date after Date_Received that means date errors that are needed to be addressed.

Obs	Claim_Number	Date_Received	Incident_Date	Airport_Code	Airport_Name	Claim_Type	Claim_Site	Item_Category	Close_Amount	Disposition	StateName	State	County	City
74	2006021401524	08FEB2006	26DEC2006			Property Damage	Checkpoint	Computer - Laptop						
94	2006062708608	27JUN2006	10JUL2006			Passenger Property Loss	Checkpoint	Cameras - Digital	-					
284	2005091592532	09AUG2005	17AUG2005			Property Damage	Checkpoint	Other						
305	2005081090324	02AUG2005	07OCT2005			Property Damage	Checked Baggage	Luggage (all types including footlockers)	-					
328	2005121597898	08DEC2005	13DEC2005			Property Damage	Checked Baggage	Cosmetics - Perfume, toilet articles, medicines, soaps, etc.	138.74	Settle				
400	2005121297502	02DEC2005	18NOV2008			Passenger Property Loss	Checked Baggage							
409	2006011299526	04JAN2006	05DEC2006			Passenger Property Loss	Checked Baggage	Luggage (all types including footlockers)	-					
562	2005040781839	05APR2005	28SEP2005			Property Damage	Checked Baggage	Clothing - Shoes, belts, accessories, etc.	0	Deny				
582	2005052485505	23MAY2005	27DEC2005			Property Damage	Checked Baggage	Luggage (all types including footlockers)						
738	2005051985092	07MAR2005	11NOV2005			Passenger Property Loss	Checked Baggage	Other						
781	2005033180749	23MAR2005	21DEC2005			Property Damage	Checkpoint	Clothing - Shoes, belts, accessories, etc.	-					
804	2005042683426	20APR2005	25APR2005						0					
827	2004122971568	29OCT2004	25NOV2004			Passenger Property Loss	Checked Baggage	Jewelry - Fine	-					
1063	2006012600380	20JAN2005	06DEC2005			Property Damage	Checked Baggage	Luggage (all types including footlockers)						
1123	2004092763945	23SEP2004	10NOV2004			Property Damage	Checked Baggage	Other						
1224	2004122170045	01AUG2004	28SEP2004						0					
1269	2004070658310	17JUN2004	21JUN2004			Passenger Property Loss	Checked Baggage	Computer - Laptop	164.86	Approve in Full				
1303	2004102265617	09AUG2004	01SEP2004			Property Damage	Checked Baggage	Luggage (all types including footlockers)	59.99	Approve in Full				

```
/* Preparing Data */
/* 1. Remove Duplicate Rows */
proc sort data=tsa.ClaimsImport
              out=tsa.claims_cleaned nodupkey;
      by _all_;
run;
73
            proc sort data=tsa.ClaimsImport
74
              out=tsa.claims_NoDups nodupkey;
75
            by _all_;
76
            run;
NOTE: There were 220855 observations read from the data set TSA.CLAIMSIMPORT.
NOTE: 5 observations with duplicate key values were deleted.
NOTE: The data set TSA.CLAIMS_NODUPS has 220850 observations and 14 variables.
proc sort data=tsa.claims_cleaned;
      by Incident_Date;
run;
```

```
/* 2. Sort the data by ascending Incident Date */
78
79
              proc sort data=tsa.claims NoDups;
              by Incident Date;
80
81
              run;
NOTE: There were 220850 observations read from the data set TSA.CLAIMS_NODUPS.
NOTE: The data set TSA.CLAIMS NODUPS has 220850 observations and 14 variables.
data tsa.claims_cleaned;
       set tsa.claims_NoDups;
/* 3. Clean the Claim_Site column */
       if Claim_Site in ('-',") then Claim_Site="Unknown";
/* 4. Clean the Disposition column */
       if Disposition in ('-',") then Disposition="Unknown";
       else if Disposition="losed: Contractor Claim" then Disposition="Closed:Contractor Claim";
       else if Disposition="Closed: Canceled" then Disposition="Closed:Canceled";
/* 5. Clean the Claim Type column */
       if Claim_Type in ('-',") then Claim_Type="Unknown";
       else if Claim_Type="Passenger Property Loss/Personal Injur" then Claim_Type="Passenger
Property Loss";
       else if Claim Type="Passenger Property Loss/Personal Injury" then Claim Type="Passenger
Property Loss";
       else if Claim Type="Property Damage/Personal Injury" then Claim Type="Property Damage";
/* 6. Convert All State values to Uppercase and all State Name to proper case */
       State=upcase(state);
       StateName=propcase(StateName);
/* 7. Create a new column to indicate date issues */
       if (Incident_Date > Date_Received or
              Incident Date = . or
              Date_Received = . or
              year(Incident_Date) < 2002 or
              year(Incident Date) > 2017 or
              year(Date Received) < 2002 or
```

```
year(Date_Received) > 2017) then Date_Issues="Needs Review";
/* 8. Add permanent labels and format */
       format Incident_Date Date_Received Date9. Close_Amount dollar20.2;
       label Airport_Code="Airport Code"
               Airport_Name="Airport Name"
               Claim_Number="Claim Number"
               Claim_Site="Claim Site"
               Claim_Type="Claim Type"
               Close_Amount="Close Amount"
               Date Issues="Date Issues"
               Date_Received="Date Received"
               Incident_Date="Incident Date"
               Item_Category="Item Category";
/* 9. Drop County and City */
       drop County City;
run;
NOTE: There were 220850 observations read from the data set TSA.CLAIMS_NODUPS.
NOTE: The data set TSA.CLAIMS CLEANED has 220850 observations and 13 variables.
proc freq data=tsa.claims_cleaned order=freq;
       tables Claim_Site
                Disposition
                Claim_Type
                Date Issues / nocum nopercent;
run;
```

The FREQ Procedure

Claim Site				
Claim_Site	Frequency			
Checked Baggage	171503			
Checkpoint	44748			
Other	2912			
Unknown	1122			
Motor Vehicle	536			
Bus Station	20			
Pre-Check	8			
Not Provided	1			

	Bus Station	20	Er	nployee Loss (MPCECA)		
	Pre-Check	8	Pa	ssenger Theft		
	Not Provided	1	M	otor Vehicle		
			C	omplaint		
D		F		ssed Flight		
U	isposition	Frequency		operty Loss		
D	eny	99600				
Δ	pprove in Full	48956		rongful Death		
_	pprove iii i uii	10000		mpliment		
S	ettle	34422				
Unknown		26545		t Provided		
				ıs Terminal		
In	Review	8938	3			
*II	nsufficient	1735	5			
Closed:Canceled		451	1	Date Issues		

/* Overall Analysis */

Pending Payment

Closed:Contractor Claim

Received

/* 1. How many date issues are in the overall data? */

title "Overall Data Issues in the Data";

proc freq data=tsa.claims_cleaned;

table date_issues / missing nocum nopercent;

188

14

1

run;

title;

Overall Data Issues in the Data

The FREQ Procedure

Date Issues				
Date_Issues	Frequency			
	216609			
Needs Review	4241			

Claim Type

Frequency

126816

82616

8283

1613

Claim_Type

Unknown

Property Damage

Personal Injury

Passenger Property Loss

Date_Issues

Needs Review

Frequency Missing = 216609

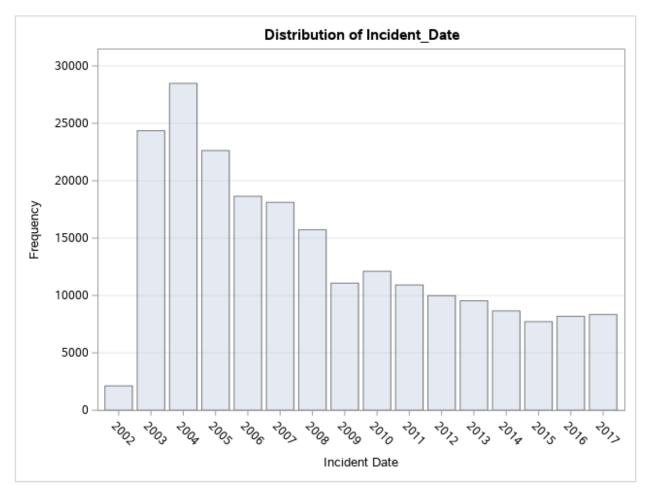
Frequency

```
/* 2. How many claims per year of incident_date are in the overall data? Be sure to include a plot */
ods graphics on;
title "Overall Claims by Year";
proc freq data=tsa.claims_cleaned;
    table Incident_Date / nocum nopercent plots=freqplot;
    format Incident_Date year4.;
    where Date_Issues is null;
run;
title;
```

Overall Claims by Year

The FREQ Procedure

Incident Date				
Incident_Date	Frequency			
2002	2123			
2003	24359			
2004	28484			
2005	22631			
2006	18643			
2007	18116			
2008	15727			
2009	11075			
2010	12108			
2011	10921			
2012	9984			
2013	9536			
2014	8659			
2015	7721			
2016	8182			
2017	8340			



/* Specific State Analysis */

```
/* 3. Lastly, a user should be able to dynamically input a specific state value and answer the following questions */
```

```
/* a. What are the frequency values for Claim_Type for the selected state? */
```

/* b. What are the frequency values for Claim_Site for the selected state? */

/* c. What are the frequency values for Disposition for the selected state? */

title "California Claim Type, Claim Site, and Disposition";

proc freq data=tsa.claims_cleaned order=freq;

table Claim_Type Claim_Site Disposition / nocum nopercent;

where StateName="California" and Date_Issues is null;

run;

title;

California Claim Type, Claim Site, and Disposition

The FREQ Procedure

Claim Type		
Claim_Type	Frequency	
Passenger Property Loss	14892	
Property Damage	8996	
Unknown	756	
Personal Injury	194	
Passenger Theft	55	
Employee Loss (MPCECA)	51	
Motor Vehicle	17	
Complaint	7	
Compliment	2	
Missed Flight	1	
Property Loss	1	

Claim Site		
Claim_Site	Frequency	
Checked Baggage	19553	
Checkpoint	5142	
Other	187	
Unknown	68	
Motor Vehicle	19	
Pre-Check	2	
Bus Station	1	

Disposition	Frequency
Deny	10918
Approve in Full	5266
Settle	4192
Unknown	3188
In Review	1086
*Insufficient	187
Closed:Contractor Claim	83
Closed:Canceled	49
Received	3

/* d. What is the mean, minimum, maximum, and sum for the close_amount for the selected state? Round to the nearest Integer */

title "Close Amount Statistics for California";

proc means data=tsa.claims_cleaned mean min max sum maxdec=0;

var Close_Amount;

where StateName="California" and Date_Issues is null; run; title; Close Amount Statistics for California The MEANS Procedure Analysis Variable: Close_Amount Close Amount Minimum Maximum 98 0 14519 2096386 %let statename=Texas; /* Overall Analysis */ /* 1. How many date issues are in the overall data? */ title "Overall Data Issues in the Data"; proc freq data=tsa.claims_cleaned; table date_issues / missing nocum nopercent; run; title; /* 2. How many claims per year of incident_date are in the overall data? Be sure to include a plot */ ods graphics on; title "Overall Claims by Year"; proc freq data=tsa.claims_cleaned; table Incident_Date / nocum nopercent plots=freqplot; format Incident_Date year4.; where Date_Issues is null; run;

title;

```
/* Specific State Analysis */
/* 3. Lastly, a user should be able to dynamically input a specific state value and answer the following
questions */
/* a. What are the frequency values for Claim_Type for the selected state? */
/* b. What are the frequency values for Claim_Site for the selected state? */
/* c. What are the frequency values for Disposition for the selected state? */
title "&StateName Claim Type, Claim Site, and Disposition";
proc freq data=tsa.claims_cleaned order=freq;
       table Claim_Type Claim_Site Disposition / nocum nopercent;
       where StateName="&StateName" and Date_Issues is null;
run;
title;
/* d. What is the mean, minimum, maximum, and sum for the close_amount for the selected state?
Round to the nearest Integer */
title "Close Amount Statistics for &StateName";
proc means data=tsa.claims_cleaned mean min max sum maxdec=0;
       var Close_Amount;
       where StateName="&StateName" and Date_Issues is null;
run;
title;
```

Overall Data Issues in the Data

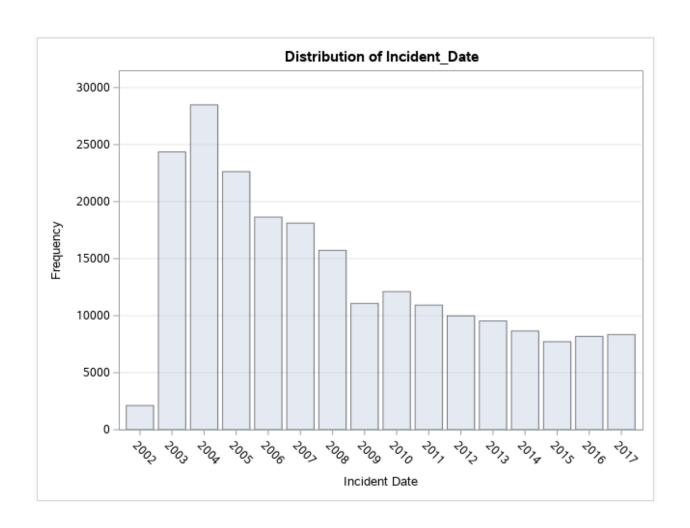
The FREQ Procedure

Date Issues	
Date_Issues Frequenc	
	216609
Needs Review	4241

Overall Claims by Year

The FREQ Procedure

Incident Date		
Incident_Date	Frequency	
2002	2123	
2003	24359	
2004	28484	
2005	22631	
2006	18643	
2007	18116	
2008	15727	
2009	11075	
2010	12108	
2011	10921	
2012	9984	
2013	9536	
2014	8659	
2015	7721	
2016	8182	
2017	8340	



Texas Claim Type, Claim Site, and Disposition

The FREQ Procedure

Claim Type		
Claim_Type	Frequency	
Passenger Property Loss	8093	
Property Damage	5583	
Unknown	343	
Personal Injury	108	
Employee Loss (MPCECA)	30	
Passenger Theft	29	
Motor Vehicle	8	
Missed Flight	4	
Complaint	2	
Property Loss	2	

Claim Site		
Claim_Site	Frequency	
Checked Baggage	11139	
Checkpoint	2945	
Other	71	
Unknown	38	
Motor Vehicle	8	
Pre-Check	1	

Disposition	Frequency
Deny	6369
Approve in Full	3279
Settle	2297
Unknown	1334
In Review	753
*Insufficient	128
Closed:Canceled	37
Closed:Contractor Claim	4
Received	1

Close Amount Statistics for Texas

The MEANS Procedure

Analysis Variable : Close_Amount Close Amount			
Mean	Minimum	Maximum	Sum
101	0	106000	1225577

```
/* Exporting Result */
%let statename=California;
%let outpath=/home/u58304328/ECRB94/output;
ods pdf file="&outpath/ClaimReports.pdf" style=meadow pdftoc=1;
ods noproctitle;
/* Overall Analysis */
/* 1. How many date issues are in the overall data? */
ods proclabel "Overall Date Issues";
title "Overall Data Issues in the Data";
proc freq data=tsa.claims_cleaned;
        table date issues / missing nocum nopercent;
run;
title;
/* 2. How many claims per year of incident_date are in the overall data? Be sure to include a plot */
ods graphics on;
ods proclabel "Overall Claims by Year";
title "Overall Claims by Year";
proc freq data=tsa.claims_cleaned;
        table Incident Date / nocum nopercent plots=freqplot;
        format Incident Date year4.;
        where Date_Issues is null;
run;
title;
/* Specific State Analysis */
```

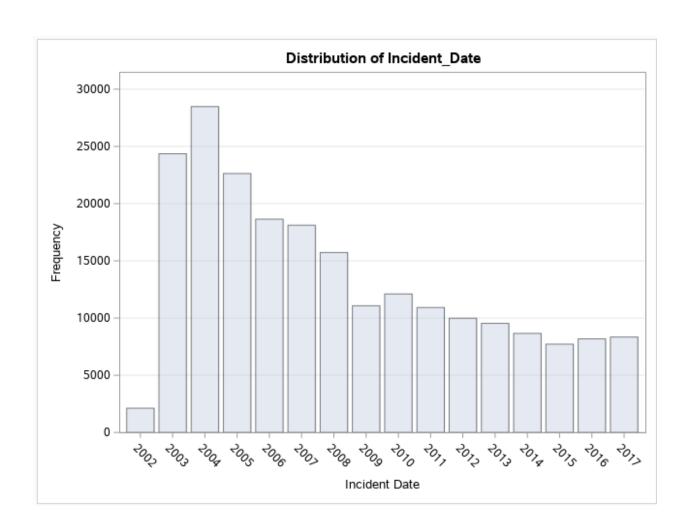
```
/* 3. Lastly, a user should be able to dynamically input a specific state value and answer the following
questions */
/* a. What are the frequency values for Claim_Type for the selected state? */
/* b. What are the frequency values for Claim_Site for the selected state? */
/* c. What are the frequency values for Disposition for the selected state? */
ods proclabel "&StateName Claims Overview";
title "&StateName Claim Type, Claim Site, and Disposition";
proc freq data=tsa.claims_cleaned order=freq;
        table Claim_Type Claim_Site Disposition / nocum nopercent;
       where StateName="&StateName" and Date_Issues is null;
run;
title;
/* d. What is the mean, minimum, maximum, and sum for the close_amount for the selected state?
Round to the nearest Integer */
ods proclabel "&StateName Close Amount Statistics";
title "Close Amount Statistics for &StateName";
proc means data=tsa.claims_cleaned mean min max sum maxdec=0;
        var Close Amount;
        where StateName="&StateName" and Date_Issues is null;
run;
title;
ods pdf close;
```

Overall Data Issues in the Data

Date Issues	
Date_Issues Frequenc	
	216609
Needs Review	4241

Overall Claims by Year

Incident Date		
Incident_Date	Frequency	
2002	2123	
2003	24359	
2004	28484	
2005	22631	
2006	18643	
2007	18116	
2008	15727	
2009	11075	
2010	12108	
2011	10921	
2012	9984	
2013	9536	
2014	8659	
2015	7721	
2016	8182	
2017	8340	



California Claim Type, Claim Site, and Disposition

Claim Type		
Claim_Type	Frequency	
Passenger Property Loss	14892	
Property Damage	8996	
Unknown	756	
Personal Injury	194	
Passenger Theft	55	
Employee Loss (MPCECA)	51	
Motor Vehicle	17	
Complaint	7	
Compliment	2	
Missed Flight	1	
Property Loss	1	

Claim Site		
Claim_Site	Frequency	
Checked Baggage	19553	
Checkpoint	5142	
Other	187	
Unknown	68	
Motor Vehicle	19	
Pre-Check	2	
Bus Station	1	

Disposition	Frequency
Deny	10918
Approve in Full	5266
Settle	4192
Unknown	3188
In Review	1086
*Insufficient	187
Closed:Contractor Claim	83
Closed:Canceled	49
Received	3

Close Amount Statistics for California

Analysis Variable : Close_Amount Close Amount			
Mean	Minimum	Maximum	Sum
98	0	14519	2096386

```
%let statename=Hawaii;
%let outpath=/home/u58304328/ECRB94/output;
ods pdf file="&outpath/ClaimReports.pdf" style=meadow pdftoc=1;
ods noproctitle;
/* Overall Analysis */
/* 1. How many date issues are in the overall data? */
ods proclabel "Overall Date Issues";
title "Overall Data Issues in the Data";
proc freq data=tsa.claims cleaned;
        table date_issues / missing nocum nopercent;
run;
title;
/* 2. How many claims per year of incident_date are in the overall data? Be sure to include a plot */
ods graphics on;
ods proclabel "Overall Claims by Year";
title "Overall Claims by Year";
proc freq data=tsa.claims_cleaned;
        table Incident_Date / nocum nopercent plots=freqplot;
        format Incident Date year4.;
        where Date Issues is null;
run;
title;
/* Specific State Analysis */
/* 3. Lastly, a user should be able to dynamically input a specific state value and answer the following
questions */
```

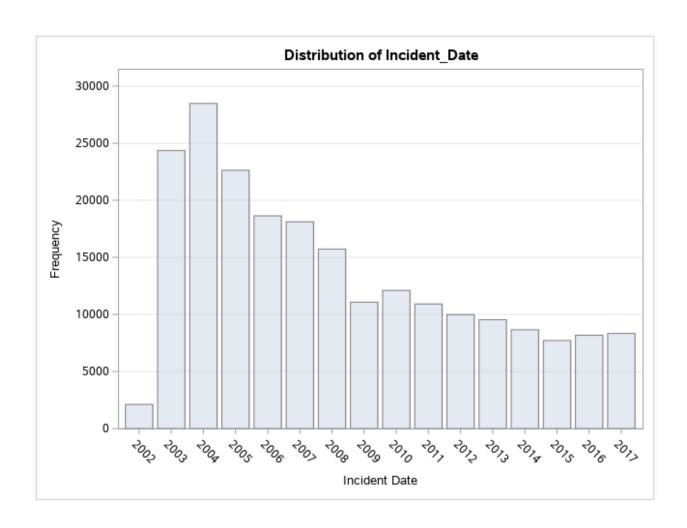
```
/* a. What are the frequency values for Claim_Type for the selected state? */
/* b. What are the frequency values for Claim_Site for the selected state? */
/* c. What are the frequency values for Disposition for the selected state? */
ods proclabel "&StateName Claims Overview";
title "&StateName Claim Type, Claim Site, and Disposition";
proc freq data=tsa.claims_cleaned order=freq;
       table Claim_Type Claim_Site Disposition / nocum nopercent;
       where StateName="&StateName" and Date_Issues is null;
run;
title;
/* d. What is the mean, minimum, maximum, and sum for the close amount for the selected state?
Round to the nearest Integer */
ods proclabel "&StateName Close Amount Statistics";
title "Close Amount Statistics for &StateName";
proc means data=tsa.claims_cleaned mean min max sum maxdec=0;
       var Close_Amount;
       where StateName="&StateName" and Date_Issues is null;
run;
title;
ods pdf close;
```

Overall Data Issues in the Data

Date Issues	
Date_Issues	Frequency
	216609
Needs Review	4241

Overall Claims by Year

Incident Date		
Incident_Date	Frequency	
2002	2123	
2003	24359	
2004	28484	
2005	22631	
2006	18843	
2007	18116	
2008	15727	
2009	11075	
2010	12108	
2011	10921	
2012	9984	
2013	9536	
2014	8659	
2015	7721	
2016	8182	
2017	8340	



Hawaii Claim Type, Claim Site, and Disposition

Claim Type		
Claim_Type	Frequency	
Passenger Property Loss	2762	
Property Damage	1481	
Unknown	70	
Personal Injury	35	
Employee Loss (MPCECA)	13	
Passenger Theft	7	
Complaint	2	
Motor Vehicle	2	
Missed Flight	1	

Claim Site	
Claim_Site	Frequency
Checked Baggage	3241
Checkpoint	1099
Other	20
Unknown	11
Motor Vehicle	2

Disposition	Frequency
Deny	2030
Approve in Full	1017
Settle	674
Unknown	401
In Review	207
*Insufficient	34
Closed:Canceled	10

Close Amount Statistics for Hawaii

Analysis Variable : Close_Amount Close Amount			
Mean	Minimum	Maximum	Sum
74	0	5166	279731