

```
1 ods pdf file = '/home/u61979420/section4.pdf';
2
3 /* 1a: Create a SAS data set named Sanfran, by writing a DATA step that uses column
4 input, and reads in only the variables FlightID, RouteID, Destination, Model,
5 Depart, DepartDay, and TotPassCap. */
6 data work.sanfran;
7     infile '/home/u61979420/sfosch.dat';
8     input
9         FlightID $ 1-7
10        RouteID $ 8-14
11        Destination $ 18-20
12        Model $ 21-40
13        Depart $ 41-49
14        DepartDay 51
15        TotaPassCap 65-67;
16 run;
17 /* 1b: ) Read the log to answer the following questions:
18 i. How many records were read from the raw data file?
19 ii. How many observations does the resulting SAS data set contain?
20 iii. How many variables does the resulting SAS data set contain? */
21
22 /* a. 52 records were read, 52 observations, 7 variables */
23
24 /* 1c: Use PROC CONTENTS to display the descriptor portion of the data set 8*/
25 proc contents data=work.sanfran;
26 run;
27 /* 1d: Use PROC PRINT to display the data portion of the data set. Do not display the date
28 and time the SAS session started. Do not display page numbers. Set the line size to 90. */
29 proc print data=work.sanfran;
30     options nodate nonumber ls=90;
31     title 'San Fran Flight Data';
32 run;
33
34 ods pdf close;
```

The CONTENTS Procedure

Data Set Name	WORK.SANFRAN	Observations	52
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	08/10/2022 14:23:13	Observation Length	64
Last Modified	08/10/2022 14:23:13	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	1
First Data Page	1
Max Obs per Page	2043
Obs in First Data Page	52
Number of Data Set Repairs	0
Filename	/saswork/SAS_workA20D00010FBF_odaws01-usw2-2.oda.sas.com/SAS_work4D7D00010FBF_odaws01-usw2-2.oda.sas.com/sanfran.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	1409290210
Access Permission	rw-r--r--
Owner Name	u61979420
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len
5	Depart	Char	9
6	DepartDay	Num	8
3	Destination	Char	3
1	FlightID	Char	7
4	Model	Char	20

The CONTENTS Procedure

Alphabetic List of Variables and Attributes			
#	Variable	Type	Len
2	RoutelD	Char	7
7	TotaPassCap	Num	8

San Fran Flight Data

Obs	FlightID	RouteID	Destination	Model	Depart	DepartDay	TotaPassCap
1	IA11200	0000112	HND	JetCruise LF8100	01DEC2000	6	255
2	IA01804	0000018	SEA	JetCruise SF1000	01DEC2000	6	150
3	IA02901	0000029	HNL	JetCruise LF5200	02DEC2000	7	207
4	IA03100	0000031	ANC	JetCruise LF8100	02DEC2000	7	255
5	IA02901	0000029	HNL	JetCruise LF5200	03DEC2000	1	207
6	IA03100	0000031	ANC	JetCruise MF4000	03DEC2000	1	267
7	IA00800	0000008	RDU	JetCruise MF4000	04DEC2000	2	267
8	IA01805	0000018	SEA	JetCruise SF1000	04DEC2000	2	150
9	IA01804	0000018	SEA	JetCruise LF5100	06DEC2000	4	165
10	IA03101	0000031	ANC	JetCruise LF8100	06DEC2000	4	255
11	IA01802	0000018	SEA	JetCruise SF1000	07DEC2000	5	150
12	IA11200	0000112	HND	JetCruise LF8100	08DEC2000	6	255
13	IA03101	0000031	ANC	JetCruise LF8100	08DEC2000	6	255
14	IA01804	0000018	SEA	JetCruise SF1000	08DEC2000	6	150
15	IA11201	0000112	HND	JetCruise LF8100	09DEC2000	7	255
16	IA03100	0000031	ANC	JetCruise MF4000	09DEC2000	7	267
17	IA01805	0000018	SEA	JetCruise SF1000	10DEC2000	1	150
18	IA01803	0000018	SEA	JetCruise SF1000	11DEC2000	2	150
19	IA11201	0000112	HND	JetCruise MF2100	12DEC2000	3	237
20	IA11200	0000112	HND	JetCruise LF8100	13DEC2000	4	255
21	IA03100	0000031	ANC	JetCruise MF4000	13DEC2000	4	267
22	IA01802	0000018	SEA	JetCruise SF1000	13DEC2000	4	150
23	IA01804	0000018	SEA	JetCruise SF1000	13DEC2000	4	150
24	IA01805	0000018	SEA	JetCruise SF1000	13DEC2000	4	150
25	IA11201	0000112	HND	JetCruise LF8100	14DEC2000	5	255
26	IA00801	0000008	RDU	JetCruise MF4000	14DEC2000	5	267
27	IA01803	0000018	SEA	JetCruise SF1000	15DEC2000	6	150
28	IA00801	0000008	RDU	JetCruise MF4000	16DEC2000	7	267
29	IA01800	0000018	SEA	JetCruise SF1000	16DEC2000	7	150
30	IA01803	0000018	SEA	JetCruise LF5100	17DEC2000	1	165
31	IA01803	0000018	SEA	JetCruise SF1000	18DEC2000	2	150
32	IA00801	0000008	RDU	JetCruise MF4000	19DEC2000	3	267
33	IA03100	0000031	ANC	JetCruise LF8000	20DEC2000	4	238
34	IA00801	0000008	RDU	JetCruise MF4000	20DEC2000	4	267
35	IA01803	0000018	SEA	JetCruise SF1000	20DEC2000	4	150
36	IA01801	0000018	SEA	JetCruise SF1000	21DEC2000	5	150
37	IA11200	0000112	HND	JetCruise MF2100	22DEC2000	6	237
38	IA01800	0000018	SEA	JetCruise LF5100	24DEC2000	1	165

San Fran Flight Data

Obs	FlightID	RouteID	Destination	Model	Depart	DepartDay	TotaPassCap
39	IA02901	0000029	HNL	JetCruise LF5200	24DEC2000	1	207
40	IA03101	0000031	ANC	JetCruise MF4000	24DEC2000	1	267
41	IA01801	0000018	SEA	JetCruise SF1000	24DEC2000	1	150
42	IA01802	0000018	SEA	JetCruise SF1000	25DEC2000	2	150
43	IA01805	0000018	SEA	JetCruise SF1000	25DEC2000	2	150
44	IA00800	0000008	RDU	JetCruise MF4000	26DEC2000	3	267
45	IA01800	0000018	SEA	JetCruise SF1000	26DEC2000	3	150
46	IA01801	0000018	SEA	JetCruise SF1000	26DEC2000	3	150
47	IA01802	0000018	SEA	JetCruise SF1000	26DEC2000	3	150
48	IA11200	0000112	HND	JetCruise LF8100	27DEC2000	4	255
49	IA01803	0000018	SEA	JetCruise SF1000	27DEC2000	4	150
50	IA01804	0000018	SEA	JetCruise SF1000	27DEC2000	4	150
51	IA03101	0000031	ANC	JetCruise LF8000	28DEC2000	5	238
52	IA03100	0000031	ANC	JetCruise MF4000	30DEC2000	7	267