

Homework 07

Name: Zixin Ouyang

Exercise 1

a

Obs	Employee_ID	COUNT
1	120108	2

b

Obs	Employee_ID	First_Name	Last_Name
1	120108	Gladys	Gromek
2	120108	Gabriele	Baker

Exercise 2

b

The CONTENTS Procedure

Data Set Name	WORK.RUSHING_ZOUYANG7	Observations	1890
Member Type	DATA	Variables	11
Engine	V9	Indexes	0
Created	03/31/2017 20:55:17	Observation Length	104
Last Modified	03/31/2017 20:55:17	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	2
First Data Page	1
Max Obs per Page	1258
Obs in First Data Page	1227
Number of Data Set Repairs	0
Filename	/saswork/SAS_work59F40000EAE4_odaws01-prod-us/SAS_workEB9E0000EAE4_odaws01-prod-us/rushing_zouyang7.sas7bdat
Release Created	9.0401M3
Host Created	Linux
Inode Number	25428025
Access Permission	rw-r--r--
Owner Name	zouyang70
File Size	384KB
File Size (bytes)	393216

Exercise 2

b

The CONTENTS Procedure

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
5	Att	Num	8		rushing attempts
7	Avg	Num	8	5.2	rushing yards/attempt
11	FD	Num	8		rushing firstdowns
4	Games	Num	8		
9	Lg	Num	8		longest rushing attempt
2	Player	Char	25		
1	Season	Num	8		
10	TD	Num	8		rushing touchdowns
3	Team	Char	4		
8	YPG	Num	8	5.1	rushing yards/game
6	Yds	Num	8	COMMA5.	rushing yards

Exercise 2

c

Obs	Player	Team	Yds
1	Adrian Peterson	Min	2,097
2	DeMarco Murray	Dal	1,845
3	Arian Foster	Hou	1,616
4	Alfred Morris	Was	1,613
5	LeSean McCoy	Phi	1,607
6	Maurice Jones-Drew	Jac	1,606
7	Marshawn Lynch	Sea	1,590
8	Jamaal Charles	KC	1,509
9	Doug Martin	TB	1,454
10	Michael Turner	Atl	1,371
11	Ray Rice	Bal	1,364
12	Chris Johnson	Ten	1,364
13	Le'Veon Bell	Pit	1,361
14	Matt Forte	Chi	1,339
15	Stevan Ridley	NE	1,263
16	Ryan Mathews	SD	1,255
17	C.J. Spiller	Buf	1,244
18	Steven Jackson	Stl	1,241
19	Ahmad Bradshaw	NYG	1,235
20	Frank Gore	SF	1,214
21	Willis McGahee	Den	1,199
22	Eddie Lacy	GB	1,178
23	Peyton Hillis	Cle	1,177
24	Darren McFadden	Oak	1,157
25	Jeremy Hill	Cin	1,124
26	Lamar Miller	Mia	1,099
27	Chris Ivory	NYJ	1,070
28	Chris Wells	Ari	1,047
29	Reggie Bush	Det	1,006
30	Jonathan Stewart	Car	989
31	Frank Gore	Ind	967
32	Mark Ingram	NO	964
33	T.J. Yeldon	Jax	740

There are 33 teams in the table above, so there must be a typo in one team and we need to correct it.

Obs	Player	Team	rushing yards	N seasons with team
1	Adrian Peterson	Min	2,097	6
2	Ahmad Bradshaw	NYG	1,235	3
3	Alfred Morris	Was	1,613	4
4	Arian Foster	Hou	1,616	6
5	C.J. Spiller	Buf	1,244	5
6	Chris Ivory	NYJ	1,070	3
7	Chris Johnson	Ten	1,364	4
8	Chris Wells	Ari	1,047	3
9	Darren McFadden	Oak	1,157	5
10	DeMarco Murray	Dal	1,845	4
11	Doug Martin	TB	1,454	4
12	Eddie Lacy	GB	1,178	3
13	Frank Gore	Ind	967	1
14	Frank Gore	SF	1,214	5
15	Jamaal Charles	KC	1,509	6
16	Jeremy Hill	Cin	1,124	2
17	Jonathan Stewart	Car	989	6
18	Lamar Miller	Mia	1,099	4
19	Le'Veon Bell	Pit	1,361	3
20	LeSean McCoy	Phi	1,607	5
21	Mark Ingram	NO	964	5
22	Marshawn Lynch	Sea	1,590	6
23	Matt Forte	Chi	1,339	6
24	Maurice Jones-Drew	Jac	1,606	4
25	Michael Turner	Atl	1,371	3
26	Peyton Hillis	Cle	1,177	2
27	Ray Rice	Bal	1,364	4
28	Reggie Bush	Det	1,006	2
29	Ryan Mathews	SD	1,255	5
30	Stevan Ridley	NE	1,263	4
31	Steven Jackson	Stl	1,241	3
32	Willis McGahee	Den	1,199	2