

STAT 440 Homework 8
April 5, 2016
Exercise 1 (b)

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Data portion of discount_ret

Obs	Customer ID	Customer Name	Total Sales
1	89	Wynella Lewis	\$964.80
2	10	Karen Ballinger	\$463.20
3	45	Dianne Patchin	\$569.60
4	92	London Celii	\$481.50
5	5	Sandrina Stephano	\$253.60
6	31	Cynthia Martinez	\$390.00
7	10	Karen Ballinger	\$504.40
8	10	Karen Ballinger	\$268.00
9	10	Karen Ballinger	\$768.60
10	10	Karen Ballinger	\$597.60
11	89	Wynella Lewis	\$251.80
12	10	Karen Ballinger	\$321.50
13	10	Karen Ballinger	\$2,132.80
14	10	Karen Ballinger	\$1,884.80
15	45	Dianne Patchin	\$252.00
16	45	Dianne Patchin	\$590.00
17	31	Cynthia Martinez	\$2,282.40
18	10	Karen Ballinger	\$285.30
19	89	Wynella Lewis	\$300.80

Data portion of discount_cat

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Obs	Customer ID	Customer Name	Customer Gender	Total Sales
1	90	Kyndal Hooks	F	\$192.40
2	89	Wynella Lewis	F	\$269.20
3	90	Kyndal Hooks	F	\$220.40

Data portion of discount_int

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Obs	Customer ID	Customer Name	Customer Birth Date	Total Sales
1	24	Robyn Klem	02JUN1959	\$391.20
2	27	Cynthia McCluney	15APR1969	\$348.80
3	27	Cynthia McCluney	15APR1969	\$422.10
4	5	Sandrina Stephano	09JUL1979	\$893.20
5	27	Cynthia McCluney	15APR1969	\$183.20
6	34	Alvan Goheen	18JAN1984	\$1,197.50
7	34	Alvan Goheen	18JAN1984	\$806.00
8	31	Cynthia Martinez	07AUG1959	\$555.20
9	31	Cynthia Martinez	07AUG1959	\$240.80
10	24	Robyn Klem	02JUN1959	\$140.40
11	27	Cynthia McCluney	15APR1969	\$1,210.50
12	27	Cynthia McCluney	15APR1969	\$156.80

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Begin_Date	Export	Import	Balance
1/1/1987	\$17,345.90	\$30,798.50	\$-13452.60
2/1/1987	\$18,853.90	\$29,810.30	\$-10956.40
3/1/1987	\$21,835.50	\$32,464.30	\$-10628.80
4/1/1987	\$20,677.70	\$32,291.10	\$-11613.40
5/1/1987	\$20,759.50	\$33,170.00	\$-12410.50
6/1/1987	\$21,636.70	\$35,358.00	\$-13721.30
7/1/1987	\$21,379.00	\$35,809.90	\$-14430.90
8/1/1987	\$20,079.10	\$33,826.20	\$-13747.10
9/1/1987	\$21,183.70	\$33,667.50	\$-12483.80
10/1/1987	\$22,777.80	\$38,075.60	\$-15297.80
11/1/1987	\$23,278.70	\$35,210.90	\$-11932.20
12/1/1987	\$24,314.40	\$35,758.70	\$-11444.30
1/1/1988	\$23,161.60	\$33,035.40	\$-9,873.80
2/1/1988	\$24,315.60	\$35,494.10	\$-11178.50
3/1/1988	\$29,342.80	\$36,998.70	\$-7,655.90
1/1/1990	\$30,664.10	\$40,303.80	\$-9,639.70
3/1/1990	\$35,970.60	\$42,339.30	\$-6,368.70
3/1/1993	\$41,998.50	\$50,744.60	\$-8,746.10
3/1/1996	\$54,951.70	\$63,363.30	\$-8,411.60
3/1/1999	\$60,889.40	\$84,071.90	\$-23182.50
2/1/1990	\$30,961.80	\$37,111.90	\$-6,150.10
4/1/1990	\$32,617.10	\$39,143.90	\$-6,526.80
4/1/1993	\$39,420.50	\$47,850.10	\$-8,429.60
4/1/1996	\$51,871.80	\$64,663.40	\$-12791.60

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The CONTENTS Procedure

Data Set Name	WORK.YEARLYIMPORTS_KEFUZHU2	Observations	29
Member Type	DATA	Variables	3
Engine	V9	Indexes	0
Created	04/05/2016 19:33:02	Observation Length	72
Last Modified	04/05/2016 19:33:02	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
Data Set Page Size	65536
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	908
Obs in First Data Page	29
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	C:\Users\kefuzhu2\AppData\Local\Temp\SAS Temporary Files_TD1900_ICS-ENG-PC15_yearlyimports_kefuzhu2.sas7bdat
Release Created	9.0401M3
Host Created	X64_7PRO

Alphabetic List of Variables and Attributes			
#	Variable	Type	Len
1	Year	Char	50
3	YearAvg	Num	8
2	YearTotal	Num	8

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Obs	Year	YearTotal	YearAvg
1	1987	406241.0	33853.42
2	1988	440952.3	36746.03
3	1989	473210.9	39434.24
4	1990	495310.6	41275.88
5	1991	488453.1	40704.43
6	1992	532661.7	44388.48
7	1993	580656.2	48388.02
8	1994	663251.8	55270.98
9	1995	743545.0	61962.08
10	1996	795286.6	66273.88
11	1997	869703.0	72475.25
12	1998	911896.7	75991.39
13	1999	1024615.5	85384.63
14	2000	1218022.6	101501.88
15	2001	1140998.1	95083.18
16	2002	1161366.4	96780.53
17	2003	1257121.2	104760.10
18	2004	1469705.0	122475.42
19	2005	1673454.0	139454.50
20	2006	1853938.0	154494.83
21	2007	1956961.0	163080.08
22	2008	2103640.8	175303.40
23	2009	1559624.9	129968.74
24	2010	1913160.2	159430.02
25	2011	2207823.8	183985.32
26	2012	2275150.0	189595.83
27	2013	2268321.3	189026.78
28	2014	2344773.9	195397.83
29	2015	2240932.6	186744.38

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Obs	Decade	DecadeAvg
1	00's	1539483.20
2	10's	2208360.30
3	80's	440134.73
4	90's	710538.02