l I	d	 I	Operation	 	Name	   	Rows	I	Bytes	Cost	(%CPU)	Time	 _
  *      *	0   1   2   3   4   5	 	SELECT STATEMENT  HASH JOIN  NESTED LOOPS  NESTED LOOPS  INDEX FULL SCAN  INDEX RANGE SCAN  TABLE ACCESS BY INDEX	         	CTR_PK ADR_CTR_CODE ADDRESSES	         	103 103 103 1995 1 1995 103	İ	16171   16171   8240   8240   14   6798	96 96 27 27 1 3	(2)   (0)   (0)   (0)   (0)	00:00:01 00:00:01 00:00:01 00:00:01 00:00:01 00:00:01	
	7	 	TABLE ACCESS FULL	ROWID!	CUSTOMERS	i	16332		1228K	68	(-,1	00:00:01	•

I	d   C	Operation	l	Name	I	Rows	ı	Bytes	TempSpc	Cost	(%CPU)	Time	 
1	0   8	SELECT STATEMENT			I	16332	ı	542K	I I	797	(2)	00:00:01	ı
*	1	HASH JOIN	1		1	16332	1	542K	1 1	797	(2)	00:00:01	-
1	2	VIEW	1	VW NSO 1	1	16332	Ι	207K	1 1	728	(2)	00:00:01	١
1	3	MINUS	1		1		1		1 1		1		-
l	4	SORT UNIQUE	1		1	16332	1	81660	1 1		1		1
I	5	INDEX FAST F	ULL SCAN	CUST PK	1	16332	Ι	81660	1 1	11	. (0)	00:00:01	1
1	6	SORT UNIQUE	1	_	1	194K	[]	950K	2304K		1		1
1	7	INDEX FAST F	ULL SCAN	ORD CUST ID	1	194K	[]	950K	1	116	(1)	00:00:01	1
1	8	TABLE ACCESS FU	LL	CUSTOMERS	1	16332	1	334K	1 1	68	(0)	00:00:01	1

1	d	<u> </u>	Operation	Name	Rows	I	Bytes	I	Cost	(%CPU)	Time	_ I
1	0	ı	SELECT STATEMENT		59	ı	5428	ı	335	(0)	00:00:01	ı
*	1	-	HASH JOIN		59	1	5428	-	335	(0)	00:00:01	- 1
*	2	-	TABLE ACCESS FULL	PRODUCTS	13	1	598	-	3	(0)	00:00:01	- 1
1	3	-	NESTED LOOPS		332	1	15272	-	332	(0)	00:00:01	- 1
- 1	4	-	NESTED LOOPS		332	1	15272	-	332	(0)	00:00:01	- 1
-	5	-	NESTED LOOPS		78	1	2964	-	98	(0)	00:00:01	-1
-	6	-	TABLE ACCESS BY INDEX ROWID BATCHED	CUSTOMERS	7	1	147	-	7	(0)	00:00:01	- 1
*	7	-	INDEX RANGE SCAN	CUST_LAST_NAME	7	1		-	1	. (0)	00:00:01	- 1
1	8	-	TABLE ACCESS BY INDEX ROWID BATCHED	ORDERS	12	1	204	-	13	(0)	00:00:01	- 1
*	9	-	INDEX RANGE SCAN	ORD_CUST_ID	12	1		1	1	. (0)	00:00:01	- 1
*	10	-	INDEX RANGE SCAN	ORDI ORDER ID	4	1		1	2	(0)	00:00:01	- 1
1	11	-	TABLE ACCESS BY INDEX ROWID	ORDER_ITEMS	4	1	32	-	3	(0)	00:00:01	- 1

1   1   1   1   2   1   2   1   2   1   2   2	p	peration	Name	Rows	Bytes	TempSpc	Cost (	%CPU)
1   VIEW   V.IF_SRAM_INSTR_AATINGS   365K   355K   32973   201	E	ELECT STATEMENT	 I	 I I			32973	(100)
2   TIMEN TABLE TRANSFORMATION			V IF SRAM INSTR RATINGS	363K	365M			
1		TEMP TABLE TRANSFORMATION				i i		,
5   VIEW		LOAD AS SELECT	l	1 1		1 1		
TEMP TABLE TRANSFORMATION		HASH UNIQUE	I			20M	697F	(12)
1			V_IF_SRAM_INSTR	34254	19M	II I	695F	(12)
NEMER   NEMER				: :		: :		
10							_	
11   VIEW   SYS_TEMP_OFD9D6F4D_3BA3A0			T_CTL_GLOBAL_DATE_101				_	(0)
11   VIEW								(0)
12   TABLE ACCESS STORAGE FULL								(8) (0)
* 13			I SYS TEMP OFD9D6F4D 3BA3AO					(0)
* 14								(8)
15   VIEW								(12)
1		VIEW						(12)
* 18		SORT UNIQUE	İ	983K	8 6M	54M	627F	(12)
19		UNION-ALL	l	1 1		1 1		
22		HASH JOIN	l	432K	16M	1 1	216	(18)
TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4D_3BA3AO   1   8		MERGE JOIN CARTESIAN	l	794	10322	1 1	4	(0)
22						1 1	2	(0)
22   VIEW			SYS_TEMP_0FD9D6F4D_3BA3A0					(0)
TABLE ACCESS STORAGE FULL								(0)
25							_	(0)
* 26			SIS_TEMP_UFD9D6F4E_3BA3A0					(0)
* 27			 					
28   MERGE JOIN CARTESIAN     794   10306   4   29   VIEW     1   6   2   2   30   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4D_3BA3A0   1   8   2   2   31   BUFFER SORT   SYS_TEMP_OFD9D6F4D_3BA3A0   794   10322   2   2   2   33   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4E_3BA3A0   794   10322   2   2   2   34   PARTITION RANGE ALL   T_FACT_JOURNAL   665M   17G   214   18   35   TABLE ACCESS STORAGE FULL   T_FACT_JOURNAL   665M   17G   214   18   36   18   17G   214   18   36   18   18   19   19   19   19   19   19			I_FACT_UOURNAL					
2 9   VIEW								(0)
30								(0)
31   BUFFER SORT			SYS TEMP OFD9D6F4D 3BA3A0				_	(0)
32   VIEW			010_12012920112_92				_	(0)
33   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4E 3BA3AO   794   5558   2   24   34   PARTITION RANGE ALL   T_FACT_JOURNAL   665M   17G   214   214   235   TABLE ACCESS STORAGE FULL   T_FACT_JOURNAL   665M   17G   214   214   216			1				_	(0)
34   PARTITION RANGE ALL		TABLE ACCESS STORAGE FULL	SYS TEMP 0FD9D6F4E 3BA3A0				2	(0)
* 36   HASH JOIN   59764   2918K   95357   37   VIEW   794   10322   2   2   2   38   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4E_3BA3AO   794   5558   2   2   2   38   NESTED LOOPS   3214K   113M   95544   40   NESTED LOOPS   3214K   113M   95544   41   VIEW   3   3214K   113M   95544   41   VIEW   1   6   2   2   2   2   2   2   2   2   2		PARTITION RANGE ALL		665M			214F	(17)
37		TABLE ACCESS STORAGE FULL	T_FACT_JOURNAL	665M	17G	1 1	214F	(17)
38		HASH JOIN	ı <sup>–</sup> –	59764	2918K	1 1	95357	(1)
39		VIEW	l				2	(0)
40   NESTED LOOPS			SYS_TEMP_0FD9D6F4E_3BA3A0				_	(0)
41								(1)
42								(1)
43   PARTITION RANGE ITERATOR								(0)
* 44   INDEX RANGE SCAN			SYS_TEMP_OFD9D6F4D_3BA3AO					(0)
* 45			I TENCE BOSTELON UKS			: :		(1)
* 46								(1) (1)
47								(1)
48								(0)
49   NESTED LOOPS			SYS TEMP OFD9D6F4E 3BA3A0				_	(0)
51   VIEW								(1)
51   VIEW			I					(1)
53   PARTITION RANGE ITERATOR			I				_	(0)
53   PARTITION RANGE ITERATOR   786K   2102     54   INDEX RANGE SCAN   I_FACT_POSITION_UK2   786K   2102     55   TABLE ACCESS BY LOCAL INDEX ROWID   T_FACT_POSITION   3214K   95M   95342     56   TABLE ACCESS STORAGE FULL   T_DIM_INSTRUMENT   32M   2746M   57191     57   SORT ORDER BY   363K   362M   379M   341     58   UNION-ALL                   1* 59   VIEW   36390   35M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     61   VIEW   36390   36390   36M   344     62   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     63   VIEW   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     64   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     65   VIEW   36390   36M   344     66   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     65   VIEW   36390   36M   344     66   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     67   VIEW   36390   36M   344     68   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     67   VIEW   36390   36M   344     68   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M   344     68   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     68   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     68   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     69   VIEW   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     69   VIEW   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   344     60   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   36M   36390   36M   344     60		TABLE ACCESS STORAGE FULL	SYS_TEMP_0FD9D6F4D_3BA3A0	1	8	1 1	2	(0)
* 55   TABLE ACCESS BY LOCAL INDEX ROWID  T_FACT_POSITION   3214K  95M  95342   56   TABLE ACCESS STORAGE FULL   T_DIM_INSTRUMENT   32M  2746M  57191   57   SORT ORDER BY   363M  379M  341   58   UNION-ALL   36390   36M  379M  341   59   VIEW   36390   36M  36390   20M  344   54   59   VIEW   57   58   VIEW   36390   36M  344   54   54   54   54   54   54   54						ı i	2102	(1)
56   TABLE ACCESS STORAGE FULL   T_DIM_INSTRUMENT   32M   2746M    57191   57   SORT ORDER BY								(1)
57   SORT ORDER BY								(1)
58   UNION-ALL			T_DIM_INSTRUMENT					(7)
* 59   VIEW				363K	362M	i 379M∣	341	(4)
60				1 00000		1 1		
* 61   VIEW								(3)
62								(3)
* 63       VIEW       3630   36M    34         64       TABLE ACCESS STORAGE FULL       SYS_TEMP_0FD9D6F4C_3BA3A0   36390   20M    34        * 65       VIEW       36390   36M    34         66       TABLE ACCESS STORAGE FULL       SYS_TEMP_0FD9D6F4C_3BA3A0   36390   20M    34        * 67       VIEW       36390   36390   35M    34								(3)
64						: :		(3)
* 65   VIEW   36390   36M   34   66   TABLE ACCESS STORAGE FULL   SYS_TEMP_0FD9D6F4C_3BA3A0   36390   20M   34   * 67   VIEW   36390   35M   34								(3)
66   TABLE ACCESS STORAGE FULL								(3) (3)
* 67   VIEW     36390   35M    34							34	(3)
							34	(3)
68   TABLE ACCESS STORAGE FULL   SYS TEMP 0FD9D6F4C 3BA3A0   36390   20M    34		TABLE ACCESS STORAGE FULL	SYS TEMP 0FD9D6F4C 3BA3A0					(3)
								(3)
							34	(3)
								(3)
								(3)
								(3)
74   TABLE ACCESS STORAGE FULL   SYS_TEMP_OFD9D6F4C_3BA3AO   36390   20M    34		TABLE ACCESS STORAGE FULL	SYS_TEMP_0FD9D6F4C_3BA3A0	36390	20M	1 1	34	(3)
* 75   VIEW     36390   36M    34		VIEW		36390	36M			(3)
76   TABLE ACCESS STORAGE FULL		TABLE ACCESS STORAGE FULL				u i	34	(3)
							34	(3)
78   TABLE ACCESS STORAGE FULL   SYS_TEMP_0FD9D6F4C_3BA3A0   36390   20M    34		TABLE ACCESS STORAGE FULL	SYS_TEMP_0FD9D6F4C_3BA3A0	36390	20M	1 1	34	(3)

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