

Start Page × CS24037 × BOOKS ×

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions...

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 BOOK_ID	VARCHAR2(20 BYTE)	No	(null)	1	(null)
2 TITLE	VARCHAR2(50 BYTE)	No	(null)	2	(null)
3 AUTHOR_LAST_NAME	VARCHAR2(30 BYTE)	No	(null)	3	(null)
4 AUTHOR_FIRST_NAME	VARCHAR2(30 BYTE)	Yes	(null)	4	(null)
5 RATING	NUMBER	Yes	(null)	5	From 1-10

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Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions...

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 PATRON_ID	NUMBER	No	(null)	1	PK
2 LAST_NAME	VARCHAR2(30 BYTE)	No	(null)	2	(null)
3 FIRST_NAME	VARCHAR2(30 BYTE)	Yes	(null)	3	(null)
4 STREET_ADDRESS	VARCHAR2(30 BYTE)	Yes	(null)	4	(null)
5 CITY_STATE_ZIP	VARCHAR2(30 BYTE)	Yes	(null)	5	(null)

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Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions...

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1 TRANSACTION_ID	NUMBER	No	(null)	1	PK
2 PATRON_ID	NUMBER	No	(null)	2	FK
3 BOOK_ID	VARCHAR2(20 BYTE)	No	(null)	3	FK
4 TRANSACTION_DATE	DATE	Yes	(null)	4	(null)
5 TRANSACTION_TYPE	NUMBER	Yes	(null)	5	(null)

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Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions... Sort... Filter:

BOOK_ID	TITLE	AUTHOR_LAST_NAME	AUTHOR_FIRST_NAME	RATING
1 A1111	SSilence on the Moon	Akhtar	Ali	10
2 A2222	GGet Rich Really Fast	Asrar	Kashif	1
3 A3333	Finding Inner Peace	Ahmed	Hameeza	0
4 A4444	Great Mystery Stories	Hussain	Nadir	5
5 A5555	Software Wizardry	Iftikhar	Umer	10

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Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions... Sort... Filter:

PATRON_ID	LAST_NAME	FIRST_NAME	STREET_ADDRESS	CITY_STATE_ZIP
1	100 Smith	Jane	123 Main Street	Mytown, MA 01234
2	101 Chen	William	16 S. Maple Road	Mytown, MA 01234
3	102 Fernandez	Maria	502 Harrison...	Sometown, NH 03078
4	103 Murphy	Sam	57 Main Street	Mytown, MA 01234

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Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL Actions... Sort... Filter:

TRANSACTION_ID	PATRON_ID	BOOK_ID	TRANSACTION_DATE	TRANSACTION_TYPE
1	1	100 A1111	24-FEB-19	1
2	2	100 A2222	25-FEB-19	2
3	3	101 A3333	08-FEB-19	3
4	4	101 A2222	20-FEB-19	1
5	5	102 A3333	20-FEB-19	1
6	6	103 A4444	04-FEB-19	2
7	7	100 A4444	04-FEB-19	1
8	8	102 A2222	24-FEB-19	2
9	9	102 A5555	14-FEB-19	1
10	10	101 A2222	09-FEB-19	1

Start Page BOOKS export\_books.sql

SQL Worksheet History

Worksheet Query Builder

```

CREATE TABLE "BOOKS"
(
    "BOOK_ID" VARCHAR2(20 BYTE),
    "TITLE" VARCHAR2(50 BYTE),
    "AUTHOR_LAST_NAME" VARCHAR2(30 BYTE),
    "AUTHOR_FIRST_NAME" VARCHAR2(30 BYTE),
    "RATING" NUMBER
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITTRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

COMMENT ON COLUMN "BOOKS"."RATING" IS 'From 1-10';
REM INSERTING into BOOKS
SET DEFINE OFF;
Insert into BOOKS (BOOK_ID,TITLE,AUTHOR_LAST_NAME,AUTHOR_FIRST_NAME,RATING) values ('A1111','SSilence on the Moon','Akhtar ','Ali',10);
Insert into BOOKS (BOOK_ID,TITLE,AUTHOR_LAST_NAME,AUTHOR_FIRST_NAME,RATING) values ('A2222','GGet Rich Really Fast','Asrar ','Kashif',1);
Insert into BOOKS (BOOK_ID,TITLE,AUTHOR_LAST_NAME,AUTHOR_FIRST_NAME,RATING) values ('A3333','Finding Inner Peace','Ahmed ','Hameeza',0);
Insert into BOOKS (BOOK_ID,TITLE,AUTHOR_LAST_NAME,AUTHOR_FIRST_NAME,RATING) values ('A4444','Great Mystery Stories','Hussain ','Nadir',5);
Insert into BOOKS (BOOK_ID,TITLE,AUTHOR_LAST_NAME,AUTHOR_FIRST_NAME,RATING) values ('A5555','Software Wizardry','Iftikhar ','Umer',10);

```

export\_patrons.sql

SQL Worksheet History

Worksheet Query Builder

```

-- DDL for Table PATRONS

CREATE TABLE "PATRONS"
(
    "PATRON_ID" NUMBER,
    "LAST_NAME" VARCHAR2(30 BYTE),
    "FIRST_NAME" VARCHAR2(30 BYTE),
    "STREET_ADDRESS" VARCHAR2(30 BYTE),
    "CITY_STATE_ZIP" VARCHAR2(30 BYTE)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITTRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

COMMENT ON COLUMN "PATRONS"."PATRON_ID" IS 'PK';
REM INSERTING into PATRONS
SET DEFINE OFF;
Insert into PATRONS (PATRON_ID,LAST_NAME,FIRST_NAME,STREET_ADDRESS,CITY_STATE_ZIP) values (100,'Smith','Jane','123 Main Street','Mytown, MA 01234');
Insert into PATRONS (PATRON_ID,LAST_NAME,FIRST_NAME,STREET_ADDRESS,CITY_STATE_ZIP) values (101,'Chen','William','16 S.Maple Road','Mytown, MA 01234');
Insert into PATRONS (PATRON_ID,LAST_NAME,FIRST_NAME,STREET_ADDRESS,CITY_STATE_ZIP) values (102,'Fernandez','Maria','502 Harrison Blvd.', 'Sometown, NH 03078');
Insert into PATRONS (PATRON_ID,LAST_NAME,FIRST_NAME,STREET_ADDRESS,CITY_STATE_ZIP) values (103,'Murphy','Sam','57 Main Street','Mytown, MA 01234');

```

Connections export\_transactions.sql

SQL Worksheet History

Worksheet Query Builder

```

CREATE TABLE "TRANSACTIONS"
(
    "TRANSACTION_ID" NUMBER,
    "PATRON_ID" NUMBER,
    "BOOK_ID" VARCHAR2(20 BYTE),
    "TRANSACTION_DATE" DATE,
    "TRANSACTION_TYPE" NUMBER
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITTRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

COMMENT ON COLUMN "TRANSACTIONS"."TRANSACTION_ID" IS 'PK';
COMMENT ON COLUMN "TRANSACTIONS"."PATRON_ID" IS 'FK';
COMMENT ON COLUMN "TRANSACTIONS"."BOOK_ID" IS 'FK';
REM INSERTING into TRANSACTIONS
SET DEFINE OFF;
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (1,100,'A1111',to_date('24-FEB-19','DD-MON-RR'),1);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (2,100,'A2222',to_date('25-FEB-19','DD-MON-RR'),2);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (3,101,'A3333',to_date('08-FEB-19','DD-MON-RR'),3);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (4,101,'A2222',to_date('20-FEB-19','DD-MON-RR'),1);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (5,102,'A3333',to_date('20-FEB-19','DD-MON-RR'),1);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (6,103,'A4444',to_date('04-FEB-19','DD-MON-RR'),2);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (7,100,'A4444',to_date('04-FEB-19','DD-MON-RR'),1);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (8,102,'A2222',to_date('24-FEB-19','DD-MON-RR'),2);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (9,102,'A5555',to_date('14-FEB-19','DD-MON-RR'),1);
Insert into TRANSACTIONS (TRANSACTION_ID,PATRON_ID,BOOK_ID,TRANSACTION_DATE,TRANSACTION_TYPE) values (10,101,'A3333',to_date('08-FEB-19','DD-MON-RR'),1);

```

CS24037 NEW\_BOOKS

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

Sort... Filter:

BOOK_ID	TITLE	AUTHOR_LAST_NAME	AUTHOR_FIRST_NAME	RATING
1 A1111	SSilence on the Moon	Akhtar	Ali	10
2 A2222	GGet Rich Really Fast	Asrar	Kashif	1
3 A3333	Finding Inner Peace	Ahmed	Hameeza	0
4 A4444	Great Mystery Stories	Hussain	Nadir	5
5 A5555	Software Wizardry	Iftikhar	Umer	10
6 BOOK1	Database System Concepts	Silberschatz	Abraham	10
7 BOOK2	MongoDB: The Definite Guide	Chodorow	Kristina	1

CS24037 NEW\_PATRONS

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

Sort... Filter:

PATRON_ID	LAST_NAME	FIRST_NAME	STREET_ADDRESS	CITY_STATE_ZIP
1	100 Smith	Jane	123 Main Street	Mytown, MA 01234
2	101 Chen	William	16 S. Maple Road	Mytown, MA 01234
3	102 Fernandez	Maria	502 Harrison Blvd.	Sometown, NH 03078
4	103 Murphy	Sam	57 Main Street	Mytown, MA 01234
5	200 Sam	William	123 Main Street	Mytown, MA 01234
6	201 Chen	Fernandez	16 S. Maple Road	Mytown, MA 01234

CS24037 NEW\_TRANSACTIONS

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

Sort... Filter:

TRANSACTION_ID	PATRON_ID	BOOK_ID	TRANSACTION_DATE	TRANSACTION_TYPE
1	1	100 A1111	24-FEB-19	1
2	2	100 A2222	25-FEB-19	2
3	3	101 A3333	08-FEB-19	3
4	4	101 A2222	20-FEB-19	1
5	5	102 A3333	20-FEB-19	1
6	6	103 A4444	04-FEB-19	2
7	7	100 A4444	04-FEB-19	1
8	8	102 A2222	24-FEB-19	2
9	9	102 A5555	14-FEB-19	1
10	10	101 A2222	09-FEB-19	1
11	11	200 BOOK1	24-FEB-19	1
12	12	201 BOOK2	25-FEB-19	2
13	13	200 BOOK1	08-FEB-19	3
14	14	201 BOOK2	20-FEB-19	1