

```
-- Generated by Oracle SQL Developer Data Modeler 21.4.2.059.0838
--   at:      2022-05-30 16:07:14 BST
--   site:     Oracle Database 21c
--   type:     Oracle Database 21c
```

```
-- predefined type, no DDL - MDSYS.SDO_GEOMETRY
```

```
-- predefined type, no DDL - XMLTYPE
```

```
CREATE TABLE car_colour (
    colour_id INTEGER NOT NULL,
    colour    VARCHAR2(10) NOT NULL
);
```

```
ALTER TABLE car_colour ADD CONSTRAINT car_colour_pk PRIMARY KEY ( colour_id );
```

```
CREATE TABLE car_index (
    car_id INTEGER NOT NULL,
    brand  VARCHAR2(50) NOT NULL,
    model  VARCHAR2(50) NOT NULL
);
```

```
ALTER TABLE car_index ADD CONSTRAINT car_index_pk PRIMARY KEY ( car_id );
```

```
CREATE TABLE city (
    city_zip  INTEGER NOT NULL,
    city_name VARCHAR2(50) NOT NULL
);
```

```
ALTER TABLE city ADD CONSTRAINT city_pk PRIMARY KEY ( city_zip );
```

```
CREATE TABLE customer (
    customer_id INTEGER NOT NULL,
    first_name  VARCHAR2(50) NOT NULL,
    last_name   VARCHAR2(50) NOT NULL,
    zip_code    INTEGER NOT NULL
);
```

```
ALTER TABLE customer ADD CONSTRAINT customer_pk PRIMARY KEY ( customer_id );
```

```
CREATE TABLE insurance_company (
    company_id    INTEGER NOT NULL,
    company_name  VARCHAR2(50) NOT NULL,
    company_street VARCHAR2(50) NOT NULL,
    zip_code      INTEGER NOT NULL
);
```

```
ALTER TABLE insurance_company ADD CONSTRAINT insurance_company_pk PRIMARY KEY (
company_id );
```

```
CREATE TABLE insurance_package (
    package_id  INTEGER NOT NULL,
```

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    package_name VARCHAR2(50) NOT NULL,
    package_cost FLOAT NOT NULL,
    company_id    INTEGER NOT NULL
);

```

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ALTER TABLE insurance_package ADD CONSTRAINT insurance_package_pk PRIMARY KEY (
package_id );

```

```

CREATE TABLE owned_cars (
    owned_car_id    INTEGER NOT NULL,
    milage          INTEGER NOT NULL,
    car_colour_id   INTEGER NOT NULL,
    package_id      INTEGER NOT NULL,
    customer_id     INTEGER NOT NULL,
    car_index_id    INTEGER NOT NULL
);

```

```

ALTER TABLE owned_cars ADD CONSTRAINT owned_cars_pk PRIMARY KEY ( owned_car_id
);

```

```

ALTER TABLE owned_cars
    ADD CONSTRAINT car_colour_fk FOREIGN KEY ( car_colour_id )
        REFERENCES car_colour ( colour_id );

```

```

ALTER TABLE owned_cars
    ADD CONSTRAINT car_index_fk FOREIGN KEY ( car_index_id )
        REFERENCES car_index ( car_id );

```

```

ALTER TABLE customer
    ADD CONSTRAINT customer_city_fk FOREIGN KEY ( zip_code )
        REFERENCES city ( city_zip );

```

```

ALTER TABLE owned_cars
    ADD CONSTRAINT customer_id_fk FOREIGN KEY ( customer_id )
        REFERENCES customer ( customer_id );

```

```

ALTER TABLE insurance_company
    ADD CONSTRAINT insurance_company_city_fk FOREIGN KEY ( zip_code )
        REFERENCES city ( city_zip );

```

```

ALTER TABLE insurance_package
    ADD CONSTRAINT insurance_company_fk FOREIGN KEY ( company_id )
        REFERENCES insurance_company ( company_id );

```

```

ALTER TABLE owned_cars
    ADD CONSTRAINT insurance_package_fk FOREIGN KEY ( package_id )
        REFERENCES insurance_package ( package_id );

```

```

-- Oracle SQL Developer Data Modeler Summary Report:

```

```

--
-- CREATE TABLE          7
-- CREATE INDEX           0

```

-- ALTER TABLE	14
-- CREATE VIEW	0
-- ALTER VIEW	0
-- CREATE PACKAGE	0
-- CREATE PACKAGE BODY	0
-- CREATE PROCEDURE	0
-- CREATE FUNCTION	0
-- CREATE TRIGGER	0
-- ALTER TRIGGER	0
-- CREATE COLLECTION TYPE	0
-- CREATE STRUCTURED TYPE	0
-- CREATE STRUCTURED TYPE BODY	0
-- CREATE CLUSTER	0
-- CREATE CONTEXT	0
-- CREATE DATABASE	0
-- CREATE DIMENSION	0
-- CREATE DIRECTORY	0
-- CREATE DISK GROUP	0
-- CREATE ROLE	0
-- CREATE ROLLBACK SEGMENT	0
-- CREATE SEQUENCE	0
-- CREATE MATERIALIZED VIEW	0
-- CREATE MATERIALIZED VIEW LOG	0
-- CREATE SYNONYM	0
-- CREATE TABLESPACE	0
-- CREATE USER	0
--	
-- DROP TABLESPACE	0
-- DROP DATABASE	0
--	
-- REDACTION POLICY	0
--	
-- ORDS DROP SCHEMA	0
-- ORDS ENABLE SCHEMA	0
-- ORDS ENABLE OBJECT	0
--	
-- ERRORS	0
-- WARNINGS	0