

## Tablas RotondAndes

The screenshot shows the SQL Developer interface with the 'CATEGORIA' table selected. The 'SQL' tab is active, displaying the following SQL statement:

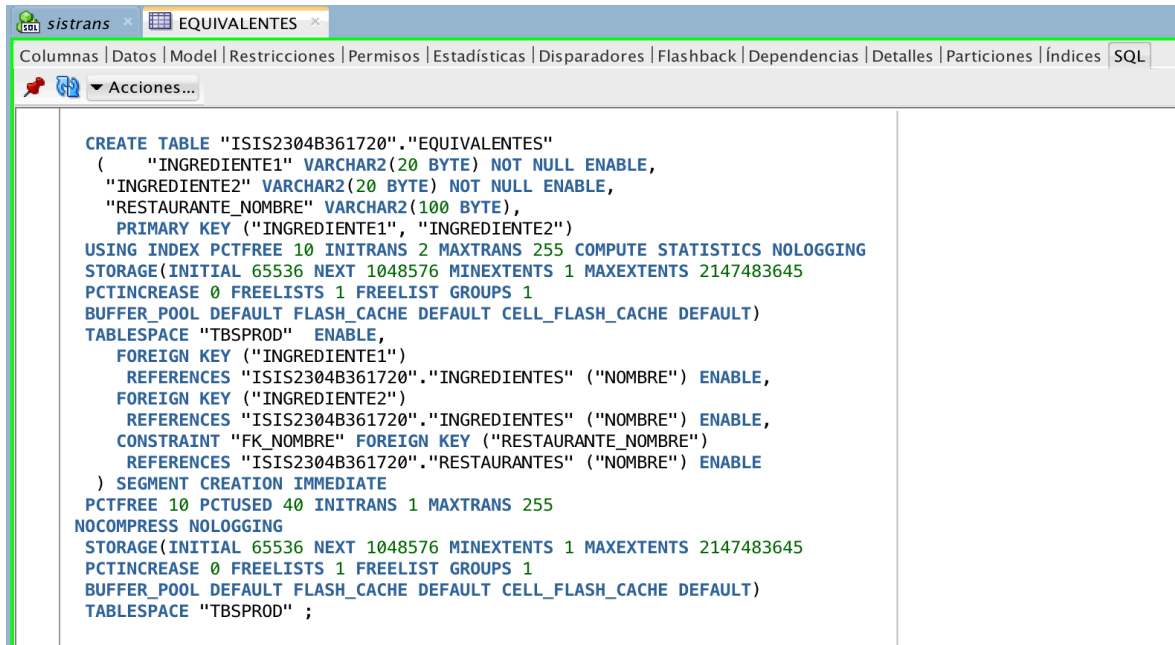
```
CREATE TABLE "ISIS2304B361720"."CATEGORIA"
(
  "NOMCATEGORIA" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  CONSTRAINT "CATEGORIA_PK" PRIMARY KEY ("NOMCATEGORIA")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
  BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
  TABLESPACE "TBSPROD" ENABLE,
  CONSTRAINT "PERTENECE" CHECK (NOMCATEGORIA in ('FUERTE', 'ENTRADA', 'ACOMPANAMIENTO', 'POSTRE', 'BEBIDAS')) ENAB
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla CATEGORIA

The screenshot shows the SQL Developer interface with the 'CLIENTEFR' table selected. The 'SQL' tab is active, displaying the following SQL statement:

```
CREATE TABLE "ISIS2304B361720"."CLIENTEFR"
(
  "EMAIL" VARCHAR2(30 BYTE) NOT NULL ENABLE,
  "PASSWORD" VARCHAR2(30 BYTE) NOT NULL ENABLE,
  "USERNAME" VARCHAR2(30 BYTE) NOT NULL ENABLE,
  "PREFERENCIAPRECIO" FLOAT(126) NOT NULL ENABLE,
  "PREFERENCIACATEGORIA" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "NOMBRE" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "IDENTIFICACION" NUMBER(*,0) NOT NULL ENABLE,
  CONSTRAINT "CLIENTEFR_PK" PRIMARY KEY ("EMAIL")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "ID_VALIDO" CHECK (IDENTIFICACION>0) ENABLE,
  CONSTRAINT "EMAIL_VALIDO" CHECK (EMAIL LIKE '%@%') ENABLE,
  CONSTRAINT "PRECIO_VALIDO" CHECK (PREFERENCIAPRECIO>0) ENABLE,
  CONSTRAINT "EMAIL_EXISTENTE" FOREIGN KEY ("EMAIL")
  REFERENCES "ISIS2304B361720"."USUARIOS" ("EMAIL") ENABLE,
  CONSTRAINT "CAT_ENUM" FOREIGN KEY ("PREFERENCIACATEGORIA")
  REFERENCES "ISIS2304B361720"."CATEGORIA" ("NOMCATEGORIA") ENABLE,
  CONSTRAINT "IDENTI_EXT" FOREIGN KEY ("IDENTIFICACION")
  REFERENCES "ISIS2304B361720"."USUARIOS" ("IDENTIFICACION") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

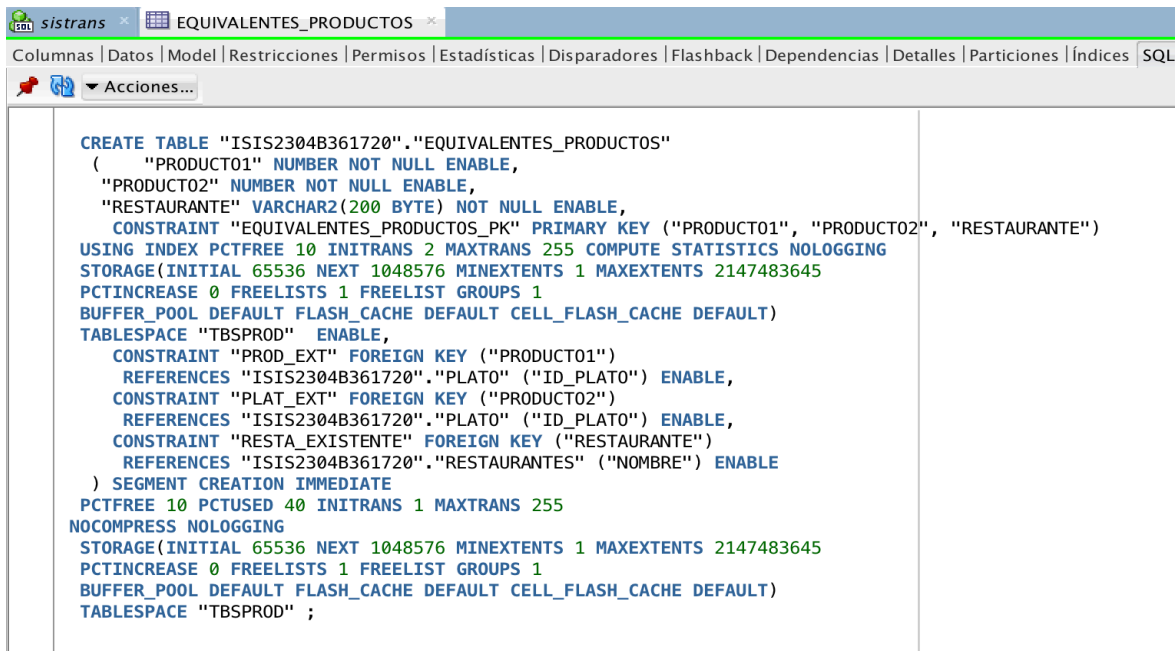
Tabla CLIENTEFR



The screenshot shows the SQL Developer interface with the 'EQUIVALENTES' table selected. The 'SQL' tab is active, displaying the following SQL script:

```
CREATE TABLE "ISIS2304B361720"."EQUIVALENTES"
(
  "INGREDIENTE1" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "INGREDIENTE2" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "RESTAURANTE_NOMBRE" VARCHAR2(100 BYTE),
  PRIMARY KEY ("INGREDIENTE1", "INGREDIENTE2")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  FOREIGN KEY ("INGREDIENTE1")
    REFERENCES "ISIS2304B361720"."INGREDIENTES" ("NOMBRE") ENABLE,
  FOREIGN KEY ("INGREDIENTE2")
    REFERENCES "ISIS2304B361720"."INGREDIENTES" ("NOMBRE") ENABLE,
  CONSTRAINT "FK_NOMBRE" FOREIGN KEY ("RESTAURANTE_NOMBRE")
    REFERENCES "ISIS2304B361720"."RESTAURANTES" ("NOMBRE") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla EQUIVALENTE



The screenshot shows the SQL Developer interface with the 'EQUIVALENTES\_PRODUCTOS' table selected. The 'SQL' tab is active, displaying the following SQL script:

```
CREATE TABLE "ISIS2304B361720"."EQUIVALENTES_PRODUCTOS"
(
  "PRODUCT01" NUMBER NOT NULL ENABLE,
  "PRODUCT02" NUMBER NOT NULL ENABLE,
  "RESTAURANTE" VARCHAR2(200 BYTE) NOT NULL ENABLE,
  CONSTRAINT "EQUIVALENTES_PRODUCTOS_PK" PRIMARY KEY ("PRODUCT01", "PRODUCT02", "RESTAURANTE")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "PROD_EXT" FOREIGN KEY ("PRODUCT01")
    REFERENCES "ISIS2304B361720"."PLATO" ("ID_PLATO") ENABLE,
  CONSTRAINT "PLAT_EXT" FOREIGN KEY ("PRODUCT02")
    REFERENCES "ISIS2304B361720"."PLATO" ("ID_PLATO") ENABLE,
  CONSTRAINT "RESTA_EXISTENTE" FOREIGN KEY ("RESTAURANTE")
    REFERENCES "ISIS2304B361720"."RESTAURANTES" ("NOMBRE") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla EQUIVALENTES\_PRODUCTOS

The screenshot shows the SQL Developer interface with a tab for 'INGREDIENTES'. The top menu bar includes 'Columnas', 'Datos', 'Model', 'Restricciones', 'Permisos', 'Estadísticas', 'Disparadores', 'Flashback', 'Dependencias', 'Detalles', 'Particiones', 'Índices', and 'SQL'. Below the menu is a toolbar with icons for 'Acciones...'. The main area displays the following SQL code:

```
CREATE TABLE "ISIS2304B361720"."INGREDIENTES"
(
  "NOMBRE" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "DESCRIPCION" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "TRADUCCION" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  CONSTRAINT "INGREDIENTES_PK" PRIMARY KEY ("NOMBRE")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla INGREDIENTES

The screenshot shows the SQL Developer interface with a tab for 'INGREDIENTES\_PLATO'. The top menu bar includes 'Columnas', 'Datos', 'Model', 'Restricciones', 'Permisos', 'Estadísticas', 'Disparadores', 'Flashback', 'Dependencias', 'Detalles', 'Particiones', 'Índices', and 'SQL'. Below the menu is a toolbar with icons for 'Acciones...'. The main area displays the following SQL code:

```
CREATE TABLE "ISIS2304B361720"."INGREDIENTES_PLATO"
(
  "ID_PLATO" NUMBER(*,0) NOT NULL ENABLE,
  "NOM_INGR" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  CONSTRAINT "INGREDIENTES_PLATO_PK" PRIMARY KEY ("ID_PLATO", "NOM_INGR")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "IDPLATO_EXT" FOREIGN KEY ("ID_PLATO")
  REFERENCES "ISIS2304B361720"."PLATO" ("ID_PLATO") ENABLE,
  CONSTRAINT "NOMINGR_EXT" FOREIGN KEY ("NOM_INGR")
  REFERENCES "ISIS2304B361720"."INGREDIENTES" ("NOMBRE") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla INGREDIENTES\_PLATO

```
sistrans MENU
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."MENU"
(
  "NOMBRE" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "COSTOPROD" FLOAT(126) NOT NULL ENABLE,
  "PRECIOVENT" FLOAT(126) NOT NULL ENABLE,
  "VENDIDOS" NUMBER(*,0) NOT NULL ENABLE,
  "DISPONIBLES" NUMBER(*,0) NOT NULL ENABLE,
  "NOMRESTAURANTE" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "ID_MENU" NUMBER(*,0) NOT NULL ENABLE,
  "MAX_DISP" NUMBER(38,0),
  CONSTRAINT "MENU_PK" PRIMARY KEY ("ID_MENU")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "NUMERO_POSITIVO_1" CHECK (PRECIOVENT>0) ENABLE,
  CONSTRAINT "NUMERO_POSITIVO_2" CHECK (COSTOPROD>0) ENABLE,
  CONSTRAINT "NUMERO_POSITIVO_3" CHECK (VENDIDOS>0) ENABLE,
  CONSTRAINT "NUMERO_POSITIVO_4" CHECK (DISPONIBLES>0) ENABLE,
  CONSTRAINT "NUMERO_POSITIVO_5" CHECK (MAX_DISP>0) ENABLE,
  CONSTRAINT "DISPONIBILIDAD_CORRECTA" CHECK (DISPONIBLES<=MAX_DISP) ENABLE,
  CONSTRAINT "MENU_RESTAURANTE" FOREIGN KEY ("NOMRESTAURANTE")
  REFERENCES "ISIS2304B361720"."RESTAURANTES" ("NOMBRE") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla MENU

```
sistrans MENU_PLATO
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."MENU_PLATO"
(
  "ID_MENU" NUMBER NOT NULL ENABLE,
  "ID_PLATO" NUMBER NOT NULL ENABLE,
  CONSTRAINT "MENU_PLATO_PK" PRIMARY KEY ("ID_MENU", "ID_PLATO")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "PLATO_EXTST" FOREIGN KEY ("ID_PLATO")
  REFERENCES "ISIS2304B361720"."PLATO" ("ID_PLATO") ENABLE,
  CONSTRAINT "MENU_EXTSTS" FOREIGN KEY ("ID_MENU")
  REFERENCES "ISIS2304B361720"."MENU" ("ID_MENU") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla MENU\_PLATO

sistrans ORGANIZADOR

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```
CREATE TABLE "ISIS2304B361720"."ORGANIZADOR"
(
  "EMAIL" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "USERNAME" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "PASSWORD" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "NOMBRE" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "IDENTIFICACION" NUMBER NOT NULL ENABLE,
  CONSTRAINT "ORGANIZADOR_PK" PRIMARY KEY ("EMAIL")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "EMAIL_EXTS" CHECK (EMAIL LIKE '%@%') ENABLE,
  CONSTRAINT "IDENTIF_VALIDA" CHECK (IDENTIFICACION>0) ENABLE,
  CONSTRAINT "EMAIL_EXT" FOREIGN KEY ("EMAIL")
    REFERENCES "ISIS2304B361720"."USUARIOS" ("EMAIL") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla ORGANIZADOR

sistrans PEDIDO\_MENU

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```
CREATE TABLE "ISIS2304B361720"."PEDIDO_MENU"
(
  "NUM_PEDIDO" NUMBER(38,0) NOT NULL ENABLE,
  "ID_MENU" NUMBER(38,0) NOT NULL ENABLE,
  PRIMARY KEY ("ID_MENU", "NUM_PEDIDO")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  FOREIGN KEY ("ID_MENU")
    REFERENCES "ISIS2304B361720"."MENU" ("ID_MENU") ENABLE,
  FOREIGN KEY ("NUM_PEDIDO")
    REFERENCES "ISIS2304B361720"."PEDIDO" ("NUM_PEDIDO") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla PEDIDO\_MENU

sistrans PEDIDO\_PLATO

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```

CREATE TABLE "ISIS2304B361720"."PEDIDO_PLATO"
(
  "NUM_PEDIDO" NUMBER(38,0) NOT NULL ENABLE,
  "ID_PLATO" NUMBER(38,0) NOT NULL ENABLE,
  PRIMARY KEY ("ID_PLATO", "NUM_PEDIDO")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
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 "TBSPROD" ENABLE,
  FOREIGN KEY ("ID_PLATO")
REFERENCES "ISIS2304B361720"."PLATO" ("ID_PLATO") ENABLE,
  FOREIGN KEY ("NUM_PEDIDO")
REFERENCES "ISIS2304B361720"."PEDIDO" ("NUM_PEDIDO") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;

```

Tabla PEDIDO\_PLATO

sistrans PLATO

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```

CREATE TABLE "ISIS2304B361720"."PLATO"
(
  "NOMBRE" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "DESCRIPCION" VARCHAR2(200 BYTE) NOT NULL ENABLE,
  "TRADUCCION" VARCHAR2(200 BYTE) NOT NULL ENABLE,
  "TIEMPOPREPARACION" FLOAT(126) NOT NULL ENABLE,
  "COSTOPRODUCCION" FLOAT(126) NOT NULL ENABLE,
  "PRECIOVENTA" FLOAT(126) NOT NULL ENABLE,
  "RESTAURANTE" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "ID_PLATO" NUMBER(*,0) NOT NULL ENABLE,
  "VENDIDOS" NUMBER(*,0) NOT NULL ENABLE,
  "DISPONIBLES" NUMBER(*,0) NOT NULL ENABLE,
  "TIPO" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "CATEGORIA" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "MAX_DISP" NUMBER(38,0),
  CONSTRAINT "PLATO_PK" PRIMARY KEY ("ID_PLATO")
USING INDEX (CREATE UNIQUE INDEX "ISIS2304B361720"."PLATO_PK1" ON "ISIS2304B361720"."PLATO" ("ID_PLATO"))
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
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 "TBSPROD" ) ENABLE,
  CONSTRAINT "UNIQUE_NAME" UNIQUE ("NOMBRE", "RESTAURANTE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
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 "TBSPROD" ENABLE,
  CONSTRAINT "PRECIOVALIDO" CHECK (PRECIOVENTA > 0) ENABLE,
  CONSTRAINT "TIEMPO_VALIDO" CHECK (TIEMPOPREPARACION>0) ENABLE,
  CONSTRAINT "COSTO_VALIDO" CHECK (COSTOPRODUCCION>0) ENABLE,
  CONSTRAINT "VENDIDOS_VALIDO" CHECK (VENDIDOS>=0) ENABLE,
  CONSTRAINT "MAX_DISP_VALIDO" CHECK (MAX_DISP >0) ENABLE,
  CONSTRAINT "NOMRESTAURANTE" FOREIGN KEY ("RESTAURANTE")
REFERENCES "ISIS2304B361720"."RESTAURANTES" ("NOMBRE") ENABLE,
  CONSTRAINT "CATEGORIA_ENUM" FOREIGN KEY ("CATEGORIA")
REFERENCES "ISIS2304B361720"."CATEGORIA" ("NOMCATEGORIA") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;

```

Tabla PLATO



```
sistrans x RESERVA x
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."RESERVA"
(
  "FECHA" DATE NOT NULL ENABLE,
  "INVITADOS" NUMBER(*,0) NOT NULL ENABLE,
  "ZONA" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "ID_MENU" NUMBER(*,0) NOT NULL ENABLE,
  "EMAIL_CLIENTE" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  CONSTRAINT "RESERVA_PK" PRIMARY KEY ("FECHA", "ZONA")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "RESERV_ZONA" FOREIGN KEY ("ZONA")
  REFERENCES "ISIS2304B361720"."ZONA" ("NOMBRE") ENABLE,
  CONSTRAINT "EMAIL_CLFR" FOREIGN KEY ("EMAIL_CLIENTE")
  REFERENCES "ISIS2304B361720"."CLIENTEFR" ("EMAIL") ENABLE,
  CONSTRAINT "ID_MENU_EXT" FOREIGN KEY ("ID_MENU")
  REFERENCES "ISIS2304B361720"."MENU" ("ID_MENU") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla RESERVA

```
sistrans x RESTAURANTES x
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."RESTAURANTES"
(
  "NOMBRE" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "REPRESENTANTE" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "TIPOCOMIDA" VARCHAR2(200 BYTE) NOT NULL ENABLE,
  "PAGINAWEB" VARCHAR2(100 BYTE),
  "ZONA" VARCHAR2(100 BYTE) NOT NULL ENABLE,
  "VALOR_COSTOS" FLOAT(126) NOT NULL ENABLE,
  "VALOR_VENTAS" FLOAT(126) NOT NULL ENABLE,
  CONSTRAINT "RESTAURANTES_PK" PRIMARY KEY ("NOMBRE")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "VALORCOSTOS_VALIDO" CHECK (VALOR_COSTOS>0) ENABLE,
  CONSTRAINT "VALORVENTAS_VALIDO" CHECK (VALOR_VENTAS>=0) ENABLE,
  CONSTRAINT "ZONA_REST" FOREIGN KEY ("ZONA")
  REFERENCES "ISIS2304B361720"."ZONA" ("NOMBRE") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla RESTAURANTES

```
sistrans x USUARIOS x
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."USUARIOS"
(
  "EMAIL" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "NOMBRE" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "IDENTIFICACION" NUMBER(*,0) NOT NULL ENABLE,
  CONSTRAINT "USUARIOS_PK" PRIMARY KEY ("EMAIL")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "UNIQUE_ID" UNIQUE ("IDENTIFICACION")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "IDENT_VALIDA" CHECK (IDENTIFICACION>0) ENABLE,
  CONSTRAINT "MAIL_VALIDO" CHECK (EMAIL LIKE '%@%') ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla USUARIOS

```
sistrans x PEDIDO x
Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL
Acciones...

CREATE TABLE "ISIS2304B361720"."PEDIDO"
(
  "NUM_PEDIDO" NUMBER(38,0) NOT NULL ENABLE,
  "PRECIO" NUMBER(38,0) NOT NULL ENABLE,
  "EMAIL_USER" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "FECHA" DATE NOT NULL ENABLE,
  "PAGADO" NUMBER(38,0) NOT NULL ENABLE,
  "ENTREGADO" NUMBER(38,0) NOT NULL ENABLE,
  "HORA" VARCHAR2(30 BYTE) NOT NULL ENABLE,
  "CAMBIO" VARCHAR2(500 BYTE) NOT NULL ENABLE,
  PRIMARY KEY ("NUM_PEDIDO")
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
  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 "TBSPROD" ENABLE,
  CONSTRAINT "CAMBIO_NOT_NULL" CHECK ("CAMBIO" IS NOT NULL) ENABLE,
  CONSTRAINT "NUMPEDIDO_LOGICO" CHECK (NUM_PEDIDO>0) ENABLE,
  CONSTRAINT "PRECIO_LOGICO" CHECK (PRECIO>0) ENABLE,
  CONSTRAINT "PAGADO_VALIDO" CHECK (PAGADO in (1,0)) ENABLE,
  CONSTRAINT "ENTREGADO_VALIDO" CHECK (ENTREGADO in (1,0)) ENABLE,
  FOREIGN KEY ("EMAIL_USER")
  REFERENCES "ISIS2304B361720"."USUARIOS" ("EMAIL") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla PEDIDO



sistrans x ZONA x

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```
CREATE TABLE "ISIS2304B361720"."ZONA"
(
  "NOMBRE" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  "CAPACIDAD" NUMBER NOT NULL ENABLE,
  "ABIERTO" NUMBER(*,0) NOT NULL ENABLE,
  "APTODISCAPACIDAD" NUMBER(*,0) NOT NULL ENABLE,
  "DESCRIPCIONTECNICA" VARCHAR2(200 BYTE) NOT NULL ENABLE,
  CONSTRAINT "ZONA_PK" PRIMARY KEY ("NOMBRE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
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 "TBSPROD" ENABLE,
  CONSTRAINT "VALIDOABIERTO" CHECK (ABIERTO in (1,0)) ENABLE,
  CONSTRAINT "VALIDOAPTODISC" CHECK (APTODISCAPACIDAD in (1,0)) ENABLE,
  CONSTRAINT "CAPACIDAD_VALIDA" CHECK (CAPACIDAD>0) ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla ZONA

sistrans x ZONAS\_CLIENTESFR x

Columnas | Datos | Model | Restricciones | Permisos | Estadísticas | Disparadores | Flashback | Dependencias | Detalles | Particiones | Índices | SQL

Acciones...

```
CREATE TABLE "ISIS2304B361720"."ZONAS_CLIENTESFR"
(
  "EMAIL_CLIENTEFR" VARCHAR2(50 BYTE) NOT NULL ENABLE,
  "PREFERENCIA_ZONA" VARCHAR2(20 BYTE) NOT NULL ENABLE,
  CONSTRAINT "ZONAS_CLIENTESFR_PK" PRIMARY KEY ("EMAIL_CLIENTEFR", "PREFERENCIA_ZONA")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS NOLOGGING
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 "TBSPROD" ENABLE,
  CONSTRAINT "ZONA_EXT" FOREIGN KEY ("PREFERENCIA_ZONA")
REFERENCES "ISIS2304B361720"."ZONA" ("NOMBRE") ENABLE,
  CONSTRAINT "EMAIL_EXTN" FOREIGN KEY ("EMAIL_CLIENTEFR")
REFERENCES "ISIS2304B361720"."CLIENTEFR" ("EMAIL") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS NOLOGGING
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 "TBSPROD" ;
```

Tabla ZONA\_CLIENTESFR