

## DDL-Definizione dello schema a stella

<<DIMCUSTOMERS>>

```
CREATE TABLE [GruppoXX].[dimCustomers](
    [customerKey] [int] NOT NULL,
    [contactID] [int] NULL,
    [name] [nvarchar](50) NULL,
    [surname] [nvarchar](50) NULL,
    CONSTRAINT [PK_dimCustomers] PRIMARY KEY CLUSTERED
(
    [customerKey] ASC
)WITH (IGNORE_DUP_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
```

<<DIMCUSTOMERS>>

```
CREATE TABLE [GruppoXX].[dimProducts](
    [productKey] [int] NOT NULL,
    [productID] [int] NULL,
    [name] [nvarchar](50) NULL,
    [subCategory] [nvarchar](50) NULL,
    [category] [nvarchar](50) NULL,
    CONSTRAINT [PK_dimProducts] PRIMARY KEY CLUSTERED
(
    [productKey] ASC
)WITH (IGNORE_DUP_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
```

<<DIMTIME>>

```
CREATE TABLE [GruppoXX].[dimTime](
    [timeKey] [int] NOT NULL,
    [date] [datetime] NULL,
    [month] [int] NULL,
    [year] [int] NULL,
    CONSTRAINT [PK_dimTime_1] PRIMARY KEY CLUSTERED
(
    [timeKey] ASC
)WITH (IGNORE_DUP_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
```

<<FCTSALES>>

```
CREATE TABLE [GruppoXX].[fctVendite](
    [productKey] [int] NOT NULL,
    [customerKey] [int] NOT NULL,
    [timeKey] [int] NOT NULL,
    [qty] [smallint] NULL,
    [unitPrice] [money] NULL,
    CONSTRAINT [PK_fctVendite] PRIMARY KEY CLUSTERED
(
    [productKey] ASC,
    [customerKey] ASC,
    [timeKey] ASC
)WITH (IGNORE_DUP_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
```

```
ALTER TABLE [GruppoXX].[fctVendite] WITH CHECK ADD CONSTRAINT [FK_fctVendite_dimCustomers] FOREIGN KEY([customerKey])
REFERENCES [GruppoXX].[dimCustomers] ([customerKey])
```

```
ALTER TABLE [GruppoXX].[fctVendite] WITH CHECK ADD CONSTRAINT [FK_fctVendite_dimProducts] FOREIGN KEY([productKey])
REFERENCES [GruppoXX].[dimProducts] ([productKey])
```

```
ALTER TABLE [GruppoXX].[fctVendite] WITH CHECK ADD CONSTRAINT [FK_fctVendite_dimTime] FOREIGN KEY([timeKey])
```

## REFERENCES [GruppoXX].[dimTime] ([timeKey])