

TEAM ASSIGNMENT: BOSTON FOOD INSPECTIONS

TEAM MEMBERS

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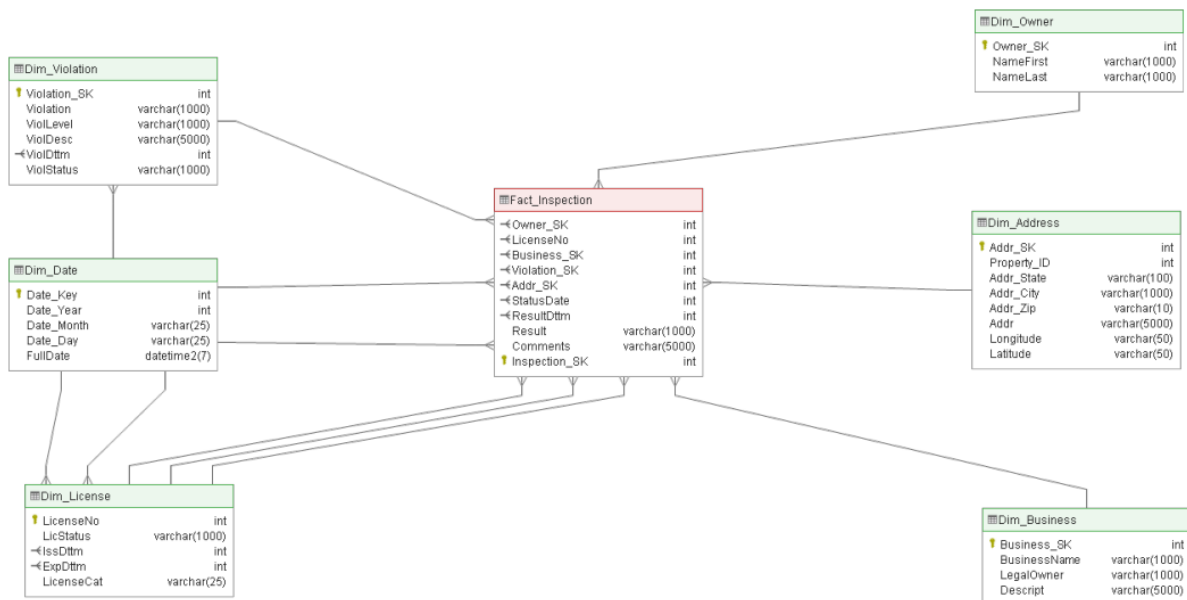
LIST OF DIMENSIONS

1. Dim_Owner
2. Dim_Address
3. Dim_Business
4. Dim_Violation
5. Dim_Date
6. Dim_License

LIST OF FACT TABLES

1. Fact_Inspection

SCREENSHOT OF BOSTON FOOD INSPECTIONS-DATA MODEL



SCREENSHOTS OF DDL SCRIPTS

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-- Dallas_Food_Inspection_DDL
-- <none> Boston_Food_Inspection_DDL.sql X

LicStatus varchar(1000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
IssDtM int NULL,
ExpDtM int NULL,
LicenseCat varchar(25) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
CONSTRAINT PK_Dim_Lic_72D7E8715152826F PRIMARY KEY (LicenseNo),
CONSTRAINT Exp_Date_FK FOREIGN KEY (ExpDtM) REFERENCES BostonFoodInspection.dbo.Dim_Date(Date_Key),
CONSTRAINT Issue_Date_FK FOREIGN KEY (IssDtM) REFERENCES BostonFoodInspection.dbo.Dim_Date(Date_Key)
);

ALTER TABLE BostonFoodInspection.dbo.Dim_License WITH NOCHECK ADD CONSTRAINT Chk_Status CHECK ((LicStatus)='Deleted' OR [LicStatus]='Inactive' OR [LicStatus]='A

-- BostonFoodInspection.dbo.Dim_Violation definition
-- Drop table
-- DROP TABLE BostonFoodInspection.dbo.Dim_Violation;

CREATE TABLE BostonFoodInspection.dbo.Dim_Violation (
    Violation_SK int NOT NULL,
    Violation varchar(1000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    ViolLevel varchar(1000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    ViolDesc varchar(5000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    ViolDtM int NULL,
    ViolStatus varchar(1000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    CONSTRAINT PK_Dim_Viol_0DDF246F77525FB4 PRIMARY KEY (Violation_SK),
    CONSTRAINT Dim_Violation_FK FOREIGN KEY (ViolDtM) REFERENCES BostonFoodInspection.dbo.Dim_Date(Date_Key)
);

-- BostonFoodInspection.dbo.Fact_Inspection definition
-- Drop table
-- DROP TABLE BostonFoodInspection.dbo.Fact_Inspection;

CREATE TABLE BostonFoodInspection.dbo.Fact_Inspection (
    Owner_SK int NULL,
    LicenseNo int NULL,
    Business_SK int NULL,
    Violation_SK int NULL,
    Addr_SK int NULL,
    StatusDate int NULL,
    ResultDtM int NULL,
    (Result) varchar(1000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    Comments varchar(5000) COLLATE SQL_Latin1_General_CP1_CI_AS NULL,
    Inspection_SK int NOT NULL,
    CONSTRAINT Fact_Inspection_PK PRIMARY KEY (Inspection_SK),
    CONSTRAINT Addr_FK FOREIGN KEY (Addr_SK) REFERENCES BostonFoodInspection.dbo.Dim_Address(Addr_SK),
    CONSTRAINT Business_FK FOREIGN KEY (Business_SK) REFERENCES BostonFoodInspection.dbo.Dim_Business(Business_SK),
    CONSTRAINT Fact_Inspection_FK FOREIGN KEY (LicenseNo) REFERENCES BostonFoodInspection.dbo.Dim_License(LicenseNo),
    CONSTRAINT Fact_License_key_FK FOREIGN KEY (LicenseNo) REFERENCES BostonFoodInspection.dbo.Dim_License(LicenseNo),
    CONSTRAINT License_Key_FK FOREIGN KEY (LicenseNo) REFERENCES BostonFoodInspection.dbo.Dim_License(LicenseNo),
    CONSTRAINT Owner_FK FOREIGN KEY (Owner_SK) REFERENCES BostonFoodInspection.dbo.Dim_Owner(Owner_SK),
    CONSTRAINT Resukt_Date_FK FOREIGN KEY (ResultDtM) REFERENCES BostonFoodInspection.dbo.Dim_Date(Date_Key),
    CONSTRAINT Status_Date_FK FOREIGN KEY (StatusDate) REFERENCES BostonFoodInspection.dbo.Dim_Date(Date_Key),
    CONSTRAINT Viol_FK FOREIGN KEY (Violation_SK) REFERENCES BostonFoodInspection.dbo.Dim_Violation(Violation_SK)
);
    
```