Relational Schema

Business(
        Business_Id: varchar(25) [PK],
        name: varchar(30),
        address: varchar(65),
        city: varchar(20),
        state: varchar(15),
        postal_code: int,
        latitude: float(10) [FK to Location.latitude],
        longitude: float(10) [FK to Location.postal_code],
        stars: float(10),
        review_count: int,
        attributes: varchar(1000),
        categories: varchar(1000),
        monday_hours: varchar(9),
        tuesday_hours: varchar(9),
        wednesday_hours: varchar(9),
        thursday_hours: varchar(9),
        friday_hours: varchar(9),
        saturday_hours: varchar(9),
        sunday_hours: varchar(9)
)

Weather_By_Zip(
        postal_code: int [PK],
        month: varchar(9) [PK],
        avg_temp: float(20),
        high_temp: float(20),
        low_temp: float(20),
        total_rain_inches float(10)
)

Reviews(
        review_id: varchar(25) [PK],
        user_id: varchar(25) [FK to Users.user_id],
        business_id: varchar(100) [FK to Business.Business_Id],
        stars: int,
        useful: int,
        funny: int,
        cool: int,
        text: varchar(6000),
        date: varchar(24)

)

Tips(
        tip_id: int [PK], user_id: varchar(25) [FK to Users.user_id],
        business_id: varchar(30),
        text: varchar(3000),
        date: varchar(24),
        compliment_count: int
)

Users(
        user_id: varchar(25) [PK],
        name: varchar(30),
        review_count: int,
        yelping_since: varchar(24),
        useful: int,
        funny: int,
        cool: int,
        elite: int,
        #don't know how this is stored
        friends: int
)