So, we created 2 Tables to use for loading data at the end along with 1 ALTER TABLE statement for our Foreign key:

1. Beer\_tbl
2. Brewery\_tbl

We will show the layout and ALTER TABLE lines below along with comments about changes that we needed to make to get to the final version.

We created the Beer table while thinking that most of the Beer data can be loaded by Beer Name. We needed to make all of our TEXT columns larger (usually from 30 chars to 100 chars) because some of the values exceeded 30 chars (even though Pandas used an automatic override to replace our longer values with 2 char State and 3 char Country values).

We initially included an ID column as the Primary key in the Beer table but had to drop it for the final version because it was confusing and didn’t add value.

We kept in mind that we didn’t want to track the same data in both tables (i.e. avoid duplicating data) but we needed to include enough columns to show that our data was Global (ex: Country).

CREATE TABLE "brewery\_tbl" (

"brewery\_id" char(100) NOT NULL,

"brewery\_name" char(100) NOT NULL,

"city" char(100) NULL,

"state" char(100) NULL,

"country" char(100) NOT NULL,

"beer\_count" INT NOT NULL,

"rating" FLOAT NULL,

CONSTRAINT "pk\_brewery\_tbl" PRIMARY KEY (

"brewery\_id"

)

);

CREATE TABLE "beer\_tbl" (

"beer\_name" char(100) NULL,

"style" char(100) NULL,

"ABV" FLOAT NULL,

"brewery\_id" INT NOT NULL

)

);

ALTER TABLE "brewery\_tbl" ADD CONSTRAINT "fk\_brewery\_tbl\_brewery\_id" FOREIGN KEY("brewery\_id")

REFERENCES "beer\_tbl" ("brewery\_id");