**First, Update the WIFI table by removing unnecessary characters:**

select \* from wifi

where StationName like '%103%'

update wifi

set StationComplex = REPLACE(StationComplex,'(','')

update wifi

set StationComplex = REPLACE(StationComplex,')','')

update wifi

set StationComplex = REPLACE(StationComplex,',','')

select \*, lower(StationComplex) as station\_lowered from wifi

SELECT \* from wifi

**Then, I will join two columns from the turnstile data (Station and Line name) and modify characters to be lower case:**

SELECT \*, (STATION || " " || LINENAME) AS expr1 FROM turnstile\_171007; --tedit 1

select \*, lower(expr1) as station\_lowered from tedit\_1

**Then, I joined both tables together:**

select \* from t\_edit2 a left join wifi\_edit b

on a.station\_lowered = b.station\_lowered

then I removed the nulls:

select \* from new\_table where StationComplex is not null

results are specific stations that could be joined (105).

Concat all tables in pandas then export to sql join with wifi then connect to database through SQLAlchemy to query in Python.