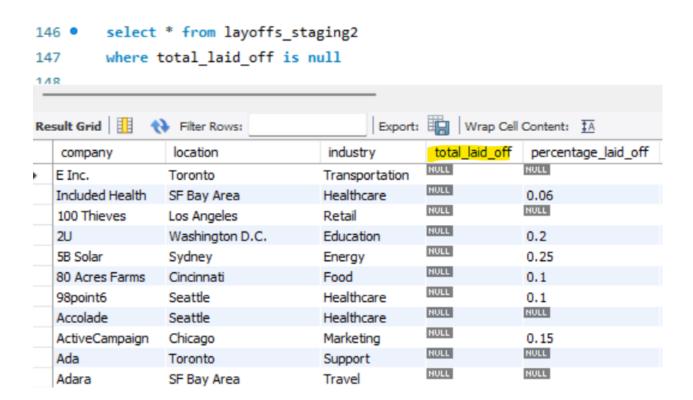
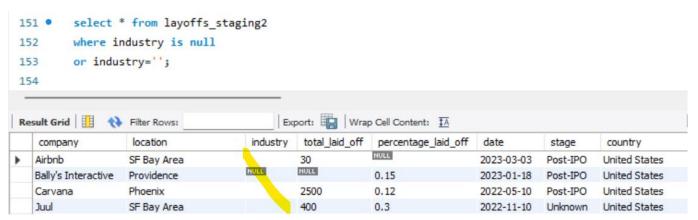
• Null values in total\_laid\_off column



• In Industry column as well, there are null values



• Taking 'Carvana' company as an example, industry is Transportation, hence we can populate the blank row with the same value.

```
select * from layoffs_staging2
157 •
         where company = 'Carvana';
158
159
Export: Wrap Cell Content: IA
                                                 total_laid_off
                                                             percentage_laid_off
                                                                                            stage
   company
             location
                                  industry
                                                                                 date
                                                                                                       country
   Carvana
            Phoenix
                                                2500
                                                             0.12
                                                                                2022-05-10
                                                                                            Post-IPO
                                                                                                      United States
                                                NULL
  Carvana
            Phoenix
                                  Transportation
                                                                                2023-01-13
                                                                                            Post-IPO
                                                                                                      United States
  Carvana
            Phoenix
                                  Transportation
                                                1500
                                                             0.08
                                                                                2022-11-18
                                                                                           Post-IPO
                                                                                                     United States
```

We can use self-join where conditions are company and location should be the same.

```
select * from layoffs_staging2 t1
163
         join layoffs_staging2 t2
         on t1.company=t2.company
164
         and t1.location=t2.location
165
         where (t1.industry is null or t1.industry='')
166
167
         and t2.industry is not null
168
                                              Export: Wrap Cell Content: 1A
total_laid_off
                                                       percentage_laid_off
   company
             location
                                  industry
                                                                           date
                                                                                        stage
                                                                                                 country
                                                        NULL
  Airbnb
            SF Bay Area
                                           30
                                                                           2023-03-03
                                                                                       Post-IPO
                                                                                                 United States
                                                        NULL
  Airbnb
            SF Bay Area
                                           30
                                                                           2023-03-03
                                                                                       Post-IPO
                                                                                                 United States
                                                        0.12
  Carvana
            Phoenix
                                           2500
                                                                           2022-05-10
                                                                                       Post-IPO
                                                                                                 United States
  Carvana
            Phoenix
                                           2500
                                                        0.12
                                                                           2022-05-10
                                                                                       Post-IPO
                                                                                                 United States
                                           2500
                                                        0.12
                                                                                                 United States
  Carvana
            Phoenix
                                                                           2022-05-10
                                                                                       Post-IPO
  Juul
            SF Bay Area
                                           400
                                                        0.3
                                                                           2022-11-10 Unknown United States
  Juul
            SF Bay Area
                                                                                                 United States
                                           400
                                                                           2022-11-10 Unknown
```

Update all blank values to NULL

```
update layoffs staging2
       set industry=null
       where industry='';
       select * from layoffs staging2
       where industry is null
       or industry='';
                                              Export: Wrap Cell Content: IA
sult Grid 🔠 💎 Filter Rows:
                                         industry
                                                   total_laid_off
                                                                 percentage_laid_off
company
                  location
                                                                                     date
                                                                                                   stage
                                                                                                             country
                                                                NULL
Airbnb
                  SF Bay Area
                                                   30
                                                                                     2023-03-03
                                                                                                  Post-IPO
                                                                                                             United States
                                        HULL
                                                  NULL
Bally's Interactive
                 Providence
                                                                 0.15
                                                                                     2023-01-18
                                                                                                  Post-IPO
                                                                                                            United States
                                        NULL
Carvana
                  Phoenix
                                                   2500
                                                                 0.12
                                                                                     2022-05-10
                                                                                                  Post-IPO
                                                                                                            United States
                                        NULL
Juul
                  SF Bay Area
                                                   400
                                                                 0.3
                                                                                     2022-11-10
                                                                                                  Unknown
                                                                                                            United States
```

• We need populate t2.industry values in t1.industry

```
select t1.industry, t2.industry from layoffs_staging2 t1
173 •
174
        join layoffs_staging2 t2
175
        on t1.company=t2.company
176
        and t1.location=t2.location
        where (t1.industry is null or t1.industry='')
177
        and t2.industry is not null;
178
                                        Export: Wrap Cell Content: $\frac{1}{4}
industry
           industry
  NULL
          Travel
  NULL
          Transportation
  NULL
          Transportation
  NULL
          Consumer
```

• Updating t1 and joining t2 where company is the same. Setting t1.industry to t2.industry values. t1.industry is blank or null now and t2.industry is not null

update layoffs\_staging2 t1

join layoffs\_staging2 t2

on t1.company=t2.company

set t1.industry=t2.industry

where t1.industry is null

and t2.industry is not null;