**SQL Queries Used**

/\* top 3 programs \*/

select count(program\_name) as total\_program, program\_name

from grad\_school

group by program\_name

order by count(program\_name) desc;

/\* number of degrees related to computer science\*/

select count(program\_name) as total\_program, program\_name, SUM(COUNT(program\_name)) OVER() AS total\_count

from grad\_school

where program\_name like '%Computer Science%'

group by program\_name

order by count(program\_name) desc

limit 3;

/\* number of degrees related to mba\*/

select count(program\_name) as total\_program, program\_name, SUM(COUNT(program\_name)) OVER() AS total\_count

from grad\_school

where program\_name like '%Master of Business Administration%'

group by program\_name

order by count(program\_name) desc

limit 3;

/\* number of degrees related to economics\*/

select count(program\_name) as total\_program, program\_name, SUM(COUNT(program\_name)) OVER() AS total\_count

from grad\_school

where program\_name like '%Economics%'

group by program\_name

order by count(program\_name) desc

limit 3;

/\* num of schools offering top programs per country \*/

select count(program\_name),program\_name,country\_name

from grad\_school

where program\_name = 'Computer Science' or program\_name = 'Master of Business Administration' or program\_name = 'Economics'

group by country\_name,program\_name

order by country\_name desc;

/\* top 7 countries - computer science \*/

select count(program\_name),program\_name,country\_name

from grad\_school

where program\_name = 'Computer Science'

group by country\_name,program\_name

order by count(program\_name) desc

limit 7;

/\* top 7 countries - economics \*/

select count(program\_name),program\_name,country\_name

from grad\_school

where program\_name = 'Economics'

group by country\_name,program\_name

order by count(program\_name) desc

limit 7;

/\* top 7 countries - mba \*/

select count(program\_name),program\_name,country\_name

from grad\_school

where program\_name = 'Master of Business Administration'

group by country\_name,program\_name

order by count(program\_name) desc

limit 7;

/\* avg tuition cost per program by currency type \*/

select program\_name,tution\_1\_currency,round(avg(tution\_1\_money) ,2) as average\_tuition

from grad\_school

where program\_name = 'Computer Science' or program\_name = 'Master of Business Administration' or program\_name = 'Economics'

group by tution\_1\_currency,program\_name

order by program\_name