```
SELECT * FROM schools_modified
LIMIT 10;


## Count the number of schools not reporting the percentage of students tested and the
total number of schools in the database.##

SELECT
count(*) as num_schools
from schools_modified;

select count(percent_tested) as num_tested_missing
from schools_modified
where percent_tested = ('');


##Find how many unique schools there are based on building code.##

select count(distinct building_code) as num_school_buildings
from schools_modified;

## Filter the database for all schools with math scores of at least 640.##

select school_name, average_math
from schools_modified
where average_math > 640
order by average_math desc;

##Find the lowest average reading score.##

select min(average_reading) as lowest_reading_score
from schools_modified;

##Filter the database for the top-performing school, as measured by average writing
scores.##

select school_name, average_writing as max_writing_scores
from schools_modified
order by average_writing desc
limit 10;

##Create total SAT scores and find the top 10 best schools.##

select school_name, (sum(average_math)+ sum(average_reading)+ sum(average_writing))
as average_sat_scores
from schools_modified
group by school_name
```

```
order by average_sat_scores desc
limit 10;

## Find out how NYC SAT performance varies by borough.##

select borough, count(*)as num_schools, round(sum(average_math +
average_reading + average_writing) / count(*),0) as average_borough_sat
from schools_modified
group by borough
order by average_borough_sat desc;

##Find the top five best schools in Brooklyn by math score.##

select school_name, average_math
from schools_modified
where borough = 'Brooklyn'
order by average_math desc
limit 5;
```