mysql> use school;
Database changed
mysql> select * from school;
ERROR 1146 (42S02): Table 'school.school' doesn't exist
mysql> select * from school.school' doesn't exist

	+	+	+		+	+	+
student_id	full_name	gender	age	course	grade	email +	phone +
1	Krishna Mehta	Male	16	English	B	krishna.mehta@yahoo.com	+91-8177831854
2	Aarav Patel	Male	18	Science	C	aarav.patel@outlook.com	+91-8983485629
3	Vivaan Khan	Male	17	English	D	vivaan.khan@yahoo.com	+91-7164087355
4	Vanya Khan	Female	15	English	B	vanya.khan@outlook.com	+91-9503320644
5	Sai Verma	Male	18	Science	A	sai.verma@outlook.com	+91-9535536930
6	Rohan Gupta	Male	18	History	B	rohan.gupta@gmail.com	+91-8861856688
7	Aadhya Khan	Female	17	History	B	aadhya.khan@yahoo.com	+91-7437054326
8	Myra Verma	Female	15	English	A	myra.verma@gmail.com	+91-8830894777
9	Vihaan Sharma	Female	15	History	D	vihaan.sharma@gmail.com	+91-7945369740
10	Krishna Patel	Female	18	Science	A	krishna.patel@yahoo.com	+91-8871233560
11	Ira Gupta	Female	18	History	B	ira.gupta@outlook.com	+91-9496301553
12	Pari Singh	Female	18	English	B	pari.singh@outlook.com	+91-9806425226
13	Krishna Gupta	Female	17	Science	B	krishna.gupta@gmail.com	+91-9048240197
14	Pari Verma	Female	16	Science	D	pari.verma@yahoo.com	+91-7967485215
15	Myra Singh	Male	18	Computer Science	A	myra.singh@yahoo.com	+91-7983753505
16	Ananya Mehta	Male	16	Mathematics	B	ananya.mehta@outlook.com	+91-7045775795
17	Vanya Singh	Female	17	Mathematics	A	vanya.singh@yahoo.com	+91-8414287450
18	Aadhya Khan	Female	16	Mathematics	D	aadhya.khan@yahoo.com	+91-7690335753
19	Sara Iyer	Male	17	Computer Science	C	sara.iyer@yahoo.com	+91-7861927915
20	Pari Gupta	Female	18	History	C	pari.gupta@yahoo.com	+91-7943299172
21	Vanya Reddy	Male	15	History	B	vanya.reddy@yahoo.com	+91-8133622383
22	Sai Nair	Male	18	Computer Science	B	sai.nair@yahoo.com	+91-9385828012
23	Vivaan Nair	Female	17	English	A	vivaan.nair@gmail.com	+91-7553745318
24	Pari Khan	Female	18	Mathematics	B	pari.khan@outlook.com	+91-9496472514
25	Arjun Sharma	Male	16	Mathematics	B	arjun.sharma@gmail.com	+91-7324167896
26	Aarav Sharma	Male	15	Computer Science	C	aarav.sharma@gmail.com	+91-9211805837
27	Aditya Reddy	Male	15	History	A	aditya.reddy@outlook.com	+91-9684065963
28	Arjun Reddy	Female	18	English	C	arjun.reddy@gmail.com	+91-8831418129

27	Aditya Reddy	Male	15	History	A	aditya.reddy@outlook.com	+91-9684065963
28	Arjun Reddy	Female	18	English	C	arjun.reddy@gmail.com	+91-8831418129
29	Myra Iyer	Female	17	Science	l A	myra.iyer@gmail.com	+91-8852673477
30	Ishaan Gupta	Male	16	Computer Science	B	ishaan.gupta@yahoo.com	+91-9220320266

30 rows in set (0.00 sec)

mysql> SELECT *
-> FROM students
-> WHERE course = 'Science'
-> ORDER BY age;

		L		L	.	·	L
student_id	full_name	gender	age	course	grade	email	phone
13	Pari Verma Krishna Gupta Myra Iyer	Female Female Female	17	Science Science Science	İВ	 pari.verma@yahoo.com krishna.gupta@gmail.com myra.iyer@gmail.com	+91-7967485215 +91-9048240197 +91-8852673477
!	Aarav Patel	Male	:	Science	! -	aarav.patel@outlook.com	+91-8983485629
	Sai Verma Krishna Patel	Male Female	,	Science Science		sai.verma@outlook.com krishna.patel@yahoo.com	+91-9535536930 +91-8871233560

f rows in set (0.00 sec)

mysql> SELECT course, COUNT(*) AS total_students
 -> FROM students
 -> GROUP BY course;

	·
course	total_students
English Science History Computer Science Mathematics	7 6 7 5 5

Krishna Mehta | English Aarav Patel | Science | Mrs. Sunita Mehta | Mr. Rajesh Verma mysql> SELECT s.full_name, c.course_name, c.teacher
-> FROM students s
-> INNER JOIN courses c ON s.course = c.course_name;

mysql> SELECT *
-> FROM students
-> WHERE age > (SELECT AVG(age) FROM students);

student_id	full_name	gender	age	course	grade	email	phone
2	Aarav Patel	Male	18	Science	C	aarav.patel@outlook.com	+91-8983485629
3	Vivaan Khan	Male	17	English	D	vivaan.khan@yahoo.com	+91-7164087355
5	Sai Verma	Male	18	Science	A	sai.verma@outlook.com	+91-9535536930
6	Rohan Gupta	Male	18	History	B	rohan.gupta@gmail.com	+91-8861856688
7	Aadhya Khan	Female	17	History	B	aadhya.khan@yahoo.com	+91-7437054326
10	Krishna Patel	Female	18	Science	l A	krishna.patel@yahoo.com	+91-8871233560
11	Ira Gupta	Female	18	History	B	ira.gupta@outlook.com	+91-9496301553
12	Pari Singh	Female	18	English	B	pari.singh@outlook.com	+91-9806425226
13	Krishna Gupta	Female	17	Science	B	krishna.gupta@gmail.com	+91-9048240197
15	Myra Singh	Male	18	Computer Science	A	myra.singh@yahoo.com	+91-7983753505
17	Vanya Singh	Female	17	Mathematics	A	vanya.singh@yahoo.com	+91-8414287450
19	Sara Iyer	Male	17	Computer Science	l c	sara.iyer@yahoo.com	+91-7861927915
20	Pari Gupta	Female	18	History	l c	pari.gupta@yahoo.com	+91-7943299172
22	Sai Nair	Male	18	Computer Science	B	sai.nair@yahoo.com	+91-9385828012
23	Vivaan Nair	Female	17	English	A	vivaan.nair@gmail.com	+91-7553745318
24	Pari Khan	Female	18	Mathematics	B	pari.khan@outlook.com	+91-9496472514
28	Arjun Reddy	Female	18	English	C	arjun.reddy@gmail.com	+91-8831418129
29	Myra Iyer	Female	17	Science	İΑ	myra.iyer@gmail.com	+91-8852673477

18 rows in set (0.00 sec)

mysql> SFLECT course, AVG(age) AS avg_age
 -> FROM students
 -> GROUP BY course;

course	avg_age
English Science History Computer Science Mathematics	16.5714 17.3333 16.5714 16.8000 16.6000