

```
SELECT COUNT(*) FROM statuses;
```

NAME	COUNT
statuses	6

```
SELECT COUNT(*) FROM fields_of_study;
```

NAME	COUNT
fields_of_study	328

```
SELECT COUNT(*) FROM award_levels;
```

NAME	COUNT
award_levels	5

```
SELECT COUNT(*) FROM award_names;
```

NAME	COUNT
award_names	87

```
SELECT COUNT(*) FROM subjects;
```

NAME	COUNT
subjects	21

```
SELECT COUNT(*) FROM universities;
```

NAME	COUNT
universities	35

```
SELECT COUNT(*) FROM secondary_schools;
```

NAME	COUNT
secondary_schools	71

```
SELECT COUNT(*) FROM fos_at_universities;
```

NAME	COUNT
fos_at_universities	7 000

```
SELECT COUNT(*) FROM students;
```

NAME	COUNT
students	1 000 000

```
SELECT COUNT(*) FROM graduations_from_ss;
```

NAME	COUNT
graduations_from_ss	1 250 000

```
SELECT COUNT(*) FROM awards;
```

NAME	COUNT
awards	500 000

```
SELECT COUNT(*) FROM graduations;
```

NAME	COUNT
graduations	800 000

```
SELECT COUNT(*) FROM registrations;
```

NAME	COUNT
registrations	200 000

Koľko prihlášok sa nachádza v jednotlivých stavoch

```
SELECT s.name, COUNT(r.registration_id)
FROM statuses s
JOIN registrations r ON s.status_id = r.status_id
GROUP BY s.status_id
ORDER BY count DESC;
```

NAME	COUNT
spracováva sa	33 762
zamietnutá	33 550
zrušená	33 279
čaká na platbu	33 264
podaná	33 160

Koľko je študijných odborov nachádza na rovnakom počte univerzít

```
SELECT nt.count, COUNT(nt.count) FROM
  (
    SELECT fos.name, COUNT(fu.field_of_study_id)
    FROM fos_at_universities fu
    JOIN fields_of_study fos ON fu.field_of_study_id = fos.f:
    GROUP BY fos.field_of_study_id
    ORDER BY count DESC
  ) AS nt
GROUP BY nt.count
ORDER BY nt.count;
```

NAME	COUNT
14	4
15	5
16	8
17	22
18	22
19	33
20	34
21	35
22	37
23	44
24	32
25	27

26	17
27	6
28	2

Koľko ocenení bolo udelených na jednotlivých úrovniach

```
SELECT al.name, COUNT(a.award_id)
FROM award_levels al
JOIN awards a ON al.award_level_id = a.award_level_id
GROUP BY al.award_level_id
ORDER BY count DESC;
```

NAME	COUNT
celoštátne kolo	100 317
krajské kolo	99 963
európske majstrovstvá	99 953
štátna súťaž	99 922
okresné kolo	99 845

Ktorých ocenení bolo udelených koľkým študentom

```
SELECT an.name, COUNT(a.award_id)
FROM award_names an
JOIN awards a ON an.award_name_id = a.award_name_id
GROUP BY an.award_name_id
ORDER BY count DESC
LIMIT 10;
```

NAME	COUNT
The New School Competition	5 937

Stockholm Innovation Scholarship Competition	5 926
Short Story Competition	5 925
Fordham Business Challenge	5 896
Inkitt Novel Competition	5 862
Short Story Award	5 854
New Voices Competition	5 849
Bath Short Story Award	5 849
David Nathan Meyerson	5 847
Short Fiction Prize	5 843

Z ktorých 10 predmetov bolo najviac maturít

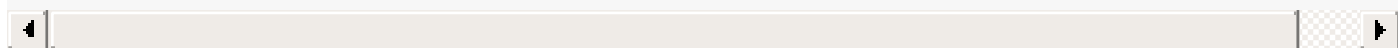
```
SELECT s.name, COUNT(g.subject_id)
FROM subjects s
JOIN graduations_from_ss g ON s.subject_id = g.subject_id
GROUP BY s.subject_id
ORDER BY count DESC
LIMIT 10;
```

NAME	COUNT
Ruský jazyk	59 922
Logika	59 874
Slovenský jazyk a literatúra	59 868
Nemecký jazyk	59 804
Informatika	59 777
Latinský jazyk	59 763
Občianska náuka	59 581

Fyzika	59 574
Španielsky jazyk	59 557
Dejepis	59 539

Na ktorých 10 univerzitách je najviac študijných odborov

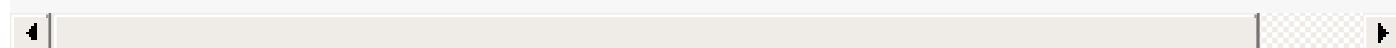
```
SELECT u.name, COUNT(f.university_id)
FROM universities u
JOIN fos_at_universities f ON f.university_id = u.university_id
GROUP BY u.university_id
ORDER BY count DESC
LIMIT 10;
```



NAME	COUNT
Univerzita Pavla Jozefa Šafárika v Košiciach	217
Akadémia médií odborná vysoká škola mediálnej a marketingovej komunikácie v Bratislave	215
Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety v Bratislave	213
Bratislavská medzinárodná škola liberálnych štúdií	213
Vysoká škola ekonómie a manažmentu verejnej správy v Bratislave	211
Technická univerzita vo Zvolene	210
Vysoká škola múzických umení v Bratislave	210
Slovenská technická univerzita v Bratislave	208
Trnavská univerzita v Trnave	208
Slovenská poľnohospodárska univerzita v Nitre	207

Koľko študentom chodilo na 10 najnavštevovanejších stredných škôl

```
SELECT ss.name, COUNT(s.secondary_school_id)
FROM secondary_schools ss
JOIN students s ON ss.secondary_school_id = s.secondary_school_id
GROUP BY ss.secondary_school_id
ORDER BY count DESC
LIMIT 10;
```



NAME	COUNT
Gymnázium Andreja Kmeťa	14 335
Súkromná stredná odborná škola ochrany osôb a majetku	14 313
Stredná odborná škola techniky a služieb	14 298
Stredná odborná škola sklárska Lednické Rovne	14 292
Stredná odborná škola drevárska	14 278
Pedagogická a kultúrna akadémia	14 245
Stredná priemyselná škola strojnícka	14 221
Gymnázium Ivana Horvátha	14 219
Súkromná stredná odborná škola SD Jednota	14 210
Katolícke gymnázium Štefana Moysesu Banská Bystrica	14 206

Na ktorých 10 univerzitách je prihlásených najviac študentov

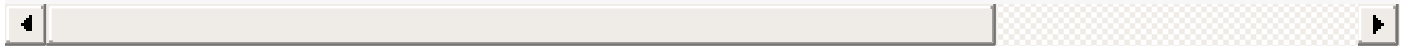
```
SELECT u.name, COUNT(nt.student_id)
FROM universities u
JOIN
(
    SELECT DISTINCT r.student_id, f.university_id
```



```

FROM registrations r
JOIN fos_at_universities f ON r.fos_at_university_id = f
) AS nt ON u.university_id = nt.university_id
GROUP BY u.university_id
ORDER BY count DESC
LIMIT 10;

```



NAME	COUNT
Akadémia médií odborná vysoká škola mediálnej a marketingovej komunikácie v Bratislave	6 132
Technická univerzita vo Zvolene	6 042
Vysoká škola bezpečnostného manažérstva v Košiciach	6 038
Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety v Bratislave	6 035
Univerzita Pavla Jozefa Šafárika v Košiciach	6 019
Bratislavská medzinárodná škola liberálnych štúdií	6 005
Vysoká škola ekonómie a manažmentu verejnej správy v Bratislave	5 965
Katolícka univerzita v Ružomberku	5 900
Vysoká škola múzických umení v Bratislave	5 892
Trnavská univerzita v Trnave	5 883

Na ktorých 10 študijných odboroch ukončilo štúdium neúspešne najviac študentov

```

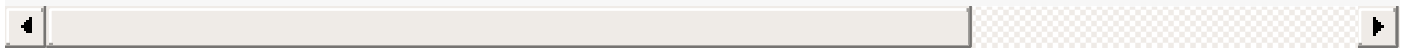
SELECT f.name, COUNT(nt.student_id)
FROM fields_of_study f
JOIN
(
SELECT DISTINCT g.student_id, fu.field_of_study_id

```

```

FROM graduations g
JOIN fos_at_universities fu ON g.fos_at_university_id = fu.fos_at_university_id
WHERE g.graduated = FALSE
) AS nt ON f.field_of_study_id = nt.field_of_study_id
GROUP BY f.field_of_study_id
ORDER BY count DESC
LIMIT 10;

```



NAME	COUNT
filozofia	1 612
vnútorné choroby	1 599
liečebná pedagogika	1 581
energetické stroje a zariadenia	1 577
divadelné umenie	1 571
údržba strojov a zariadení	1 557
neurovedy	1 551
ochrana rastlín	1 540
teória vyučovania fyziky	1 528
informatika	1 526

Početnosť jednotlivých znáмок, ktoré boli udelené študentom

```

SELECT g.mark, COUNT(g.mark)
FROM graduations_from_ss g
GROUP BY g.mark
ORDER BY g.mark;

```

NAME	COUNT
1	312 802

2	312 272
3	312 379
4	312 547

Najobľúbenejšie krstné mená

```
SELECT s.name, COUNT(s.student_id)
FROM students s
GROUP BY s.name
ORDER BY count DESC
LIMIT 10;
```

NAME	COUNT
Júlia	5 137
Pravoslav	2 734
Bartolomej	2 729
Levoslav	2 717
Fedor	2 710
Miloš	2 708
Bonifác	2 696
Arpád	2 692
Vavrinec	2 689
Mikuláš	2 687

Najobľúbenejšia priezviská

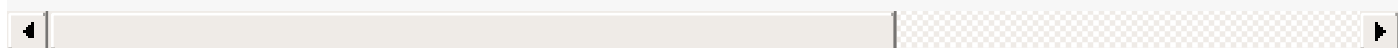
```
SELECT s.surname, COUNT(s.student_id)
FROM students s
```

```
GROUP BY s.surname
ORDER BY count DESC
LIMIT 10;
```

NAME	COUNT
Lubinová	748
Uramová	742
Krajčovičová	727
Kováčiková	725
Novotová	720
Sokolová	715
Sklenárová	714
Húšková	713
Filipová	713
Cesnaková	712

Na akých doménach majú študenti emaily

```
SELECT SUBSTR(s.email, POSITION('@' in s.email) + 1, LENGTH(s
FROM students s
GROUP BY SUBSTR(s.email, POSITION('@' in s.email) + 1, LENGTH
ORDER BY count DESC;
```



NAME	COUNT
szm.sk	91 262
outlook.com	91 173
sme.sk	91 115

zoznam.sk	91 112
gmail.com	91 071
azet.sk	91 040
pokec.sk	90 885
post.sk	90 776
pobox.sk	90 579
inmail.sk	90 548
centrum.sk	90 439

YEAR(students.birth_at)

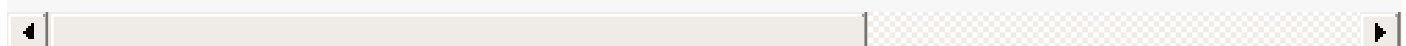
```
SELECT MIN(EXTRACT(YEAR FROM birth_at)),
MAX(EXTRACT(YEAR FROM birth_at)),
AVG(EXTRACT(YEAR FROM birth_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM students;
```



MAX	MIN	AVG	Q1	Q2	Q3
1916	2016	1965	1941	1966	1991

YEAR(graduations_from_ss.graduated_at)

```
SELECT MIN(EXTRACT(YEAR FROM graduated_at)),
MAX(EXTRACT(YEAR FROM graduated_at)),
AVG(EXTRACT(YEAR FROM graduated_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM graduations_from_ss;
```



MAX	MIN	AVG	Q1	Q2	Q3
-----	-----	-----	----	----	----

1916	2017	1991	1978	1998	2010
------	------	------	------	------	------

graduations_from_ss.mark

```
SELECT MIN(mark),
MAX(mark),
AVG(mark),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM graduations_from_ss;
```

--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
1	4	2	1	2	4

YEAR(awards.awarded_at)

```
SELECT MIN(EXTRACT(YEAR FROM awarded_at)),
MAX(EXTRACT(YEAR FROM awarded_at)),
AVG(EXTRACT(YEAR FROM awarded_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM awards;
```

--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
1916	2017	1991	1978	1998	2010

YEAR(graduations.started_at)

```
SELECT MIN(EXTRACT(YEAR FROM started_at)),
MAX(EXTRACT(YEAR FROM started_at)),
AVG(EXTRACT(YEAR FROM started_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM graduations;
```

MAX	MIN	AVG	Q1	Q2	Q3
1916	2017	1982	1966	1987	2003

YEAR(graduations.finished_at)

```
SELECT MIN(EXTRACT(YEAR FROM finished_at)),
MAX(EXTRACT(YEAR FROM finished_at)),
AVG(EXTRACT(YEAR FROM finished_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM graduations;
```

MAX	MIN	AVG	Q1	Q2	Q3
1917	2017	1999	1992	2005	2013

YEAR(registrations.changed_at)

```
SELECT MIN(EXTRACT(YEAR FROM changed_at)),
MAX(EXTRACT(YEAR FROM changed_at)),
AVG(EXTRACT(YEAR FROM changed_at)),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM registrations;
```

MAX	MIN	AVG	Q1	Q2	Q3
1916	2017	1991	1978	1998	2010

awards.award_level_id

```
SELECT MIN(award_level_id), MAX(award_level_id), AVG(award_level_id)
```


MAX	MIN	AVG	Q1	Q2	Q3
1	1 000 000	499 777	249 392	499 466	749 743

graduations_from_ss.subject_id

```
SELECT MIN(subject_id), MAX(subject_id), AVG(subject_id),  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM graduations_from_ss;
```

MAX	MIN	AVG	Q1	Q2	Q3
1	21	11	6	11	16

students.secondary_school_id

```
SELECT MIN(secondary_school_id), MAX(secondary_school_id), A  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM students;
```

MAX	MIN	AVG	Q1	Q2	Q3
1	71	35	18	36	54

graduations.student_id

```
SELECT MIN(student_id), MAX(student_id), AVG(student_id),  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM graduations;
```

--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
3	1 000 000	499 560	249 230	499 275	749 753

graduations.fos_at_university_id

```
SELECT MIN(fos_at_university_id), MAX(fos_at_university_id),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM graduations;
```

--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
1	7 000	3 499	1 748	3 498	5 249

registrations.student_id

```
SELECT MIN(student_id), MAX(student_id), AVG(student_id),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM registrations;
```

--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
2	999 995	500 464	250 417	501 859	750 079

registrations.fos_at_university_id

```
SELECT MIN(fos_at_university_id), MAX(fos_at_university_id),
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY
FROM registrations;
```

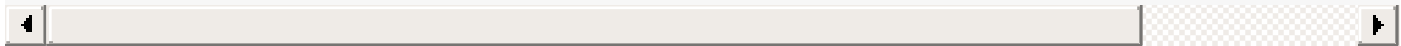
--	--	--	--	--	--

MAX	MIN	AVG	Q1	Q2	Q3
-----	-----	-----	----	----	----

1	7 000	3 503	1 753	3 510	5 258
---	-------	-------	-------	-------	-------

registrations.status_id

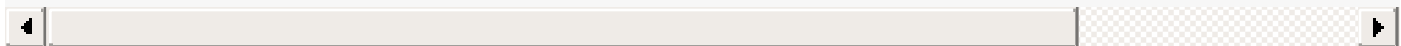
```
SELECT MIN(status_id), MAX(status_id), AVG(status_id),  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM registrations;
```



MAX	MIN	AVG	Q1	Q2	Q3
1	6	3	2	3	5

fos_at_universities.university_id

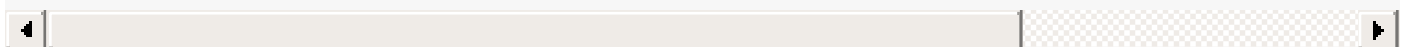
```
SELECT MIN(university_id), MAX(university_id), AVG(university  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM fos_at_universities;
```



MAX	MIN	AVG	Q1	Q2	Q3
1	35	17	9	18	27

fos_at_universities.field_of_study_id

```
SELECT MIN(field_of_study_id), MAX(field_of_study_id), AVG(f  
PERCENTILE_CONT(ARRAY[0.25,0.5,0.75]) WITHIN GROUP (ORDER BY  
FROM fos_at_universities;
```



MAX	MIN	AVG	Q1	Q2	Q3
1	328	165	84	166	247