```
postgres=# select count (*) as total_books
postgres-# from books;
 total_books
-------------
          17
(1 ёЄЁюър)
```

```
postgres=# select avg (extract(year from publication_date)) as avg_publication_date
postgres-# from books;
 avg_publication_date
----------------------
 1931.8750000000000000
(1 ёЄЁюър)
```

```
postgres=# select min (extract(year from publication_date)) as earliest_year,
postgres-# max (extract(year from publication_date)) aslatest_year
postgres-# from books;
 earliest_year | aslatest_year
---------------+---------------
          1813 |          2023
(1 ёЄЁюър)
```

```
postgres=# select genre, count (*) as genre_count
postgres-# from books
postgres-# group by genre;
           genre            | genre_count
----------------------------+-------------
 Классическая литература    |           1
 Научная литература         |           1
 Исторический               |           1
 Информационные технологии  |           1
 Образование                |           1
 Научная фантастика         |           3
 Саморазвитие               |           1
 Магический реализм         |           1
 Неизвестный                |           1
 Философский                |           1
 Роман                      |           3
 Детектив                   |           2
(12 ёЄЁюъ)
```

```
postgres=# select genre, count (*) as genre_count
postgres-# from books
postgres-# group by genre
postgres-# having count(genre) > 1;
       genre        | genre_count
--------------------+-------------
 Научная фантастика |           3
 Роман              |           3
 Детектив           |           2
(3 ёЄЁюъш)
```

```
postgres=# select distinct genre
postgres-# from books;
            genre
------------------------------
 Классическая литература
 Научная литература
 Исторический
 Информационные технологии
 Образование
 Научная фантастика
 Саморазвитие
 Магический реализм
 Неизвестный
 Философский
 Роман
 Детектив
(12 ёЄЁюъ)
```

```
postgres=# select distinct extract (year from publication_date) as publication_year
postgres-# from books;
 publication_year
------------------
             1979

             1934
             1877
             1976
             1869
             1813
             2023
             1967
             1965
             1939
             1989
             2019
             1833
             1826
             2021
             1880
(17 ёЄЁюъ)
```

```
postgres=# select genre, publication_date, count (*) as book_count
postgres-# from books
postgres-# group by genre, publication_date
postgres-# order by genre, publication_date;
          genre            | publication_date | book_count
---------------------------+------------------+------------
 Саморазвитие              | 1989-08-15       |          1
 Философский               | 1880-11-18       |          1
 Детектив                  | 1934-01-01       |          1
 Детектив                  | 1939-11-06       |          1
 Исторический              | 1869-03-04       |          1
 Информационные технологии | 2019-02-10       |          1
 Роман                     | 1813-01-28       |          1
 Роман                     | 1826-12-01       |          1
 Роман                     | 1833-10-09       |          1
 Научная литература        | 2023-09-25       |          1
 Научная фантастика        | 1965-08-01       |          1
 Научная фантастика        | 1976-04-21       |          1
 Научная фантастика        | 1979-10-12       |          1
 Неизвестный               |                  |          1
 Классическая литература   | 1877-04-01       |          1
 Магический реализм        | 1967-05-30       |          1
 Образование               | 2021-06-15       |          1
(17 ёЄЁюъ)
```

```
postgres=# select genre, count (*) as book_count
postgres-# from books
postgres-# where extract (year from publication_date) < 2000
postgres-# group by genre
postgres-# having count (*) > 1
postgres-# order by book_count desc;
        genre        | book_count
---------------------+------------
 Научная фантастика  |          3
 Роман               |          3
 Детектив            |          2
(3 ёЄЁюъш)
```

```
postgres=# select author_id, avg (extract(year from publication_date)) as avg_year
postgres-# from books
postgres-# group by author_id
postgres-# having count (title) > 1;
 author_id |        avg_year
-----------+----------------------
         8 | 1819.5000000000000000
         5 | 2021.0000000000000000
         6 | 1970.5000000000000000
         7 | 1936.5000000000000000
         1 | 1873.0000000000000000
(5 ёЄЁюъ)
```