В данной таблице представлена подробная информация о странах, для которых рассчитывался Индекс:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Название столбца | Тип переменной | Информация |
| 1 | country\_id | INT | идентификатор страны |
| 2 | country\_name | TEXT | название страны |
| 3 | region | TEXT | название региона |
| 4 | world\_rank | INT | мировой рейтинг |
| 5 | region\_rank | INT | рейтинг в регионе |
| 6 | score\_2022 | NUMERIC(3, 1) | баллы в 2022 году |
| 7 | property\_rights | NUMERIC(4, 1) | право собственности |
| 8 | judical\_effectiveness | NUMERIC(3, 1) | эффективность судебной системы |
| 9 | government\_integrity | NUMERIC(3, 1) | честность правительства |
| 10 | tax\_burden | NUMERIC(4, 1) | налоговая нагрузка |
| 11 | gov\_spending | NUMERIC(3, 1) | государственные расходы |
| 12 | fiscal\_health | NUMERIC(3, 1) | финансовое благополучие |
| 13 | business\_freedom | NUMERIC(3, 1) | свобода бизнеса |
| 14 | labor\_freedom | NUMERIC(3, 1) | свобода труда |
| 15 | monetary\_freedom | NUMERIC(3, 1) | денежная свобода |
| 16 | trade\_freedom | NUMERIC(3, 1) | свобода торговли |
| 17 | investment\_freedom | INT | свобода инвестиций |
| 18 | financial\_freedom | INT | финансовая свобода |
| 19 | tariff\_rate | NUMERIC(3, 1) | ставка налога на импортные товары, % |
| 20 | income\_tax\_rate | NUMERIC(4, 1) | ставка подоходного налога -процент, который вы должны уплатить, исходя из вашего дохода, % |
| 21 | corporate\_tax\_rate | NUMERIC(3, 1) | корпоративный налог — это налог на прибыль организации, % |
| 22 | tax\_burden\_%\_of\_gdp | NUMERIC(3, 1) | общие налоговые поступления в процентах от ВВП |
| 23 | gov\_expenditure\_of\_gdp | NUMERIC(4, 1) | государственные расходы в процентах от ВВП |
| 24 | population\_millions | NUMERIC(7, 3) | население, млн |
| 25 | gdp\_billions\_ppp | NUMERIC(6, 1) | валовой внутренний продукт (ВВП) – общий объем производства товаров и услуг с учетом покупательной способности, млрд |
| 26 | gdp\_growth\_rate | NUMERIC(3, 1) | темпы роста ВВП, % |
| 27 | gdp\_growth\_rate\_5\_year | NUMERIC(3, 1) | среднегодовой рост ВВП за пять лет |
| 28 | gdp\_per\_capita\_ppp | NUMERIC(7, 1) | ВВП на душу населения (с поправкой на ППС), разделенный на численность населения, $ |
| 29 | unemployment | NUMERIC(3, 1) | уровень безработицы, % |
| 30 | inflation | NUMERIC(6, 2) | инфляция – годовое процентное изменение цен, % |
| 31 | fdi\_inflow\_millions | INT | приток прямых иностранных инвестиций (ППИ), млн $ |
| 32 | public\_debt\_% of\_gdp | NUMERIC(3, 1) | государственный долг в % от ВВП |

ВВП (валовой внутренний продукт), GDP (gross domestic product) - это денежная мера рыночной стоимости всех конечных товаров и услуг, произведенных и проданных (не перепроданных) странами за определенный период времени. Он рассчитывается путем деления ВВП на соответствующий паритет покупательной способности (ППС), который представляет собой обменный курс, устраняющий разницу в уровне цен между странами.

tax\_burden\_%\_of\_gdp - общие налоговые поступления в процентах от ВВП показывают долю продукции страны, которая собирается государством в виде налогов. Его можно рассматривать как один из показателей степени, в которой правительство контролирует ресурсы экономики.

Валовой внутренний продукт (ВВП) — это денежная мера рыночной стоимости всех конечных товаров и услуг, произведенных и проданных (не перепроданных) странами за определенный период времени, млрд

Инфляция – это скорость роста цен за определенный период времени.

ВВП на душу населения рассчитывается по паритету покупательной способности (ППС).

Отношение долга к ВВП — это показатель, сравнивающий государственный долг страны с ее валовым внутренним продуктом (ВВП). При сравнении того, что страна должна, с тем, что она производит, отношение долга к ВВП надежно указывает на способность этой конкретной страны погасить свои долги.

Общее количество стран

SELECT

count(\*)

FROM

index\_2022;

|  |
| --- |
| count |
| 184 |

Страны, для которых Индекс отсутствует

SELECT

country\_id,

country\_name,

score\_2022

FROM

public\_freedom.index\_2022

WHERE

score\_2022 IS NULL;

|  |  |  |
| --- | --- | --- |
| country\_id | country\_name | score\_2022 |
| 1 | Afghanistan | NULL |
| 77 | Iraq | NULL |
| 96 | Libya | NULL |
| 97 | Liechtenstein | NULL |
| 184 | Somalia | NULL |
| 159 | Syria | NULL |
| 181 | Yemen | NULL |

Количество стран, для которых Индекс отсутствует

SELECT

COUNT (\*)

FROM

index\_2022

WHERE

score\_2022 IS NOT NULL;

|  |
| --- |
| count |
| 177 |

Пятерка стран с самым высоким рейтингом

SELECT

world\_rank,

country\_id,

country\_name,

score\_2022

FROM

public\_freedom.index\_2022

ORDER BY

world\_rank

LIMIT 5;

|  |  |  |  |
| --- | --- | --- | --- |
| world\_rank | country\_id | country\_name | score\_2022 |
| 1 | 147 | Singapore | 84.4 |
| 2 | 158 | Switzerland | 84.2 |
| 3 | 78 | Ireland | 82 |
| 4 | 120 | New Zealand | 80.6 |
| 5 | 99 | Luxembourg | 80.6 |

Пятерка стран с худшим мировым рейтингом

SELECT

world\_rank,

country\_id,

country\_name,

score\_2022

FROM

public\_freedom.index\_2022

ORDER BY

score\_2022

LIMIT 5;

|  |  |  |  |
| --- | --- | --- | --- |
| world\_rank | country\_id | country\_name | score\_2022 |
| 177 | 87 | Korea, North | 3 |
| 176 | 179 | Venezuela | 24.8 |
| 175 | 42 | Cuba | 29.5 |
| 174 | 154 | Sudan | 32 |
| 173 | 183 | Zimbabwe | 33.1 |

Позиция Беларуси в рейтинге

SELECT

world\_rank,

country\_id,

country\_name,

score\_2022

FROM

public\_freedom.index\_2022

WHERE

country\_name = 'Belarus';

|  |  |  |  |
| --- | --- | --- | --- |
| world\_rank | country\_id | country\_name | score\_2022 |
| 135 | 14 | Belarus | 53 |

Вывод 5-ки рейтинга стран исключая первые 5 стран

SELECT

world\_rank,

country\_id,

country\_name,

score\_2022

FROM

index\_2022

ORDER BY

world\_rank

OFFSET 5

LIMIT 5;

|  |  |  |  |
| --- | --- | --- | --- |
| world\_rank | country\_id | country\_name | score\_2022 |
| 6 | 160 | Taiwan | 80.1 |
| 7 | 54 | Estonia | 80 |
| 8 | 119 | Netherlands | 79.5 |
| 9 | 57 | Finland | 78.3 |
| 10 | 45 | Denmark | 78 |

Вывести значения рейтинга с 27 по 29

SELECT

world\_rank,

country\_id,

country\_name,

score\_2022

FROM

index\_2022

ORDER BY

world\_rank

OFFSET 26

LIMIT 3;

|  |  |  |  |
| --- | --- | --- | --- |
| world\_rank | country\_id | country\_name | score\_2022 |
| 27 | 107 | Malta | 71.5 |
| 28 | 13 | Barbados | 71.3 |
| 29 | 23 | Bulgaria | 71 |

Вывод уникальных значений «регионов»

SELECT

DISTINCT region

FROM

public\_freedom.index\_2022;

|  |
| --- |
| region |
| Sub-Saharan Africa |
| Europe |
| Asia-Pacific |
| Americas |
| Middle East and North Africa |

Операторы сравнения

SELECT

country\_name,

world\_rank,

world\_rank >= 50 AS "rank\_>\_50"

FROM

index\_2022

LIMIT 5;

|  |  |  |
| --- | --- | --- |
| country\_name | world\_rank | rank\_>\_50 |
| Afghanistan | NULL | NULL |
| Albania | 50 | TRUE |
| Algeria | 167 | TRUE |
| Angola | 139 | TRUE |
| Argentina | 144 | TRUE |

оценка экономической свободы Economic Freedom Scores

Free ● 80–100 свободный

Mostly Free ●70–79.9 в основном свободный  
Moderately Free● 60–69.9 умеренно свободный

Mostly Unfree ●50–59.9 в основном несвободный  
Repressed ● 0–49.9 подавленный, репрессированный

● Not Graded

Category free

SELECT

country\_name,

world\_rank,

score\_2022,

'free' AS "category"

FROM

public\_freedom.index\_2022

WHERE

score\_2022 >= 80

ORDER BY

world\_rank;

|  |  |  |  |
| --- | --- | --- | --- |
| country\_name | world\_rank | score\_2022 | category |
| Singapore | 1 | 84.4 | free |
| Switzerland | 2 | 84.2 | free |
| Ireland | 3 | 82 | free |
| New Zealand | 4 | 80.6 | free |
| Luxembourg | 5 | 80.6 | free |
| Taiwan | 6 | 80.1 | free |
| Estonia | 7 | 80 | free |

SELECT

COUNT(\*)

FROM

public\_freedom.index\_2022

WHERE

score\_2022 >= 80;

|  |
| --- |
| count |
| 7 |

SELECT

country\_name,

world\_rank,

score\_2022,

'mostly\_free' AS "category"

FROM

index\_2022

WHERE

score\_2022 >= 70

AND

score\_2022 < 80

ORDER BY

world\_rank;

|  |  |  |  |
| --- | --- | --- | --- |
| country\_name | world\_rank | score\_2022 | category |
| Netherlands | 8 | 79.5 | mostly\_free |
| Finland | 9 | 78.3 | mostly\_free |
| Denmark | 10 | 78 | mostly\_free |
| Sweden | 11 | 77.9 | mostly\_free |
| Australia | 12 | 77.7 | mostly\_free |
| Iceland | 13 | 77 | mostly\_free |
| Norway | 14 | 76.9 | mostly\_free |
| Canada | 15 | 76.6 | mostly\_free |
| Germany | 16 | 76.1 | mostly\_free |
| Lithuania | 17 | 75.8 | mostly\_free |
| Latvia | 18 | 74.8 | mostly\_free |
| Korea, South | 19 | 74.6 | mostly\_free |
| Chile | 20 | 74.4 | mostly\_free |
| Czech Republic | 21 | 74.4 | mostly\_free |
| Austria | 22 | 73.8 | mostly\_free |
| Cyprus | 23 | 72.9 | mostly\_free |
| United Kingdom | 24 | 72.7 | mostly\_free |
| United States | 25 | 72.1 | mostly\_free |
| Georgia | 26 | 71.8 | mostly\_free |
| Malta | 27 | 71.5 | mostly\_free |
| Barbados | 28 | 71.3 | mostly\_free |
| Bulgaria | 29 | 71 | mostly\_free |
| Mauritius | 30 | 70.9 | mostly\_free |
| Portugal | 31 | 70.8 | mostly\_free |
| Slovenia | 32 | 70.5 | mostly\_free |
| United Arab Emirates | 33 | 70.2 | mostly\_free |
| Uruguay | 34 | 70 | mostly\_free |

SELECT

COUNT(\*)

FROM

index\_2022

WHERE

score\_2022 >= 70

AND

score\_2022 < 80;

|  |
| --- |
| count |
| 27 |

SELECT

country\_name,

world\_rank,

score\_2022,

'moderately\_free' AS "category"

FROM

index\_2022

WHERE

score\_2022 >= 60

AND

score\_2022 < 70

ORDER BY

world\_rank;

|  |  |  |  |
| --- | --- | --- | --- |
| country\_name | world\_rank | score\_2022 | category |
| Japan | 35 | 69.9 | moderately\_free |
| Slovakia | 36 | 69.7 | moderately\_free |
| Belgium | 37 | 69.6 | moderately\_free |
| Bahamas | 38 | 68.7 | moderately\_free |
| Poland | 39 | 68.7 | moderately\_free |
| Samoa | 40 | 68.3 | moderately\_free |
| Spain | 41 | 68.2 | moderately\_free |
| Malaysia | 42 | 68.1 | moderately\_free |
| Israel | 43 | 68 | moderately\_free |
| Qatar | 44 | 67.7 | moderately\_free |
| Croatia | 45 | 67.6 | moderately\_free |
| Jamaica | 46 | 67.4 | moderately\_free |
| Romania | 47 | 67.1 | moderately\_free |
| Hungary | 48 | 66.9 | moderately\_free |
| Cabo Verde | 49 | 66.7 | moderately\_free |
| Albania | 50 | 66.6 | moderately\_free |
| Peru | 51 | 66.5 | moderately\_free |
| France | 52 | 65.9 | moderately\_free |
| North Macedonia | 53 | 65.7 | moderately\_free |
| Saint Vincent and the Grenadines | 54 | 65.7 | moderately\_free |
| Costa Rica | 55 | 65.4 | moderately\_free |
| Panama | 56 | 65.4 | moderately\_free |
| Italy | 57 | 65.4 | moderately\_free |
| Armenia | 58 | 65.3 | moderately\_free |
| Serbia | 59 | 65.2 | moderately\_free |
| Colombia | 60 | 65.1 | moderately\_free |
| Botswana | 61 | 64.8 | moderately\_free |
| Brunei Darussalam | 62 | 64.8 | moderately\_free |
| Indonesia | 63 | 64.4 | moderately\_free |
| Kazakhstan | 64 | 64.4 | moderately\_free |
| Saint Lucia | 65 | 64.3 | moderately\_free |
| Mongolia | 66 | 63.9 | moderately\_free |
| Mexico | 67 | 63.7 | moderately\_free |
| Bosnia and Herzegovina | 68 | 63.4 | moderately\_free |
| Guatemala | 69 | 63.2 | moderately\_free |
| Thailand | 70 | 63.2 | moderately\_free |
| Dominican Republic | 71 | 63 | moderately\_free |
| Vanuatu | 72 | 62.9 | moderately\_free |
| Paraguay | 73 | 62.9 | moderately\_free |
| Bahrain | 74 | 62 | moderately\_free |
| Azerbaijan | 75 | 61.6 | moderately\_free |
| Cote d'Ivoire | 76 | 61.6 | moderately\_free |
| Greece | 77 | 61.5 | moderately\_free |
| Moldova | 78 | 61.3 | moderately\_free |
| Seychelles | 79 | 61.1 | moderately\_free |
| Philippines | 80 | 61.1 | moderately\_free |
| Benin | 81 | 61 | moderately\_free |
| Micronesia | 82 | 61 | moderately\_free |
| Tonga | 83 | 60.8 | moderately\_free |
| Vietnam | 84 | 60.6 | moderately\_free |
| Sao Tome and Principe | 85 | 60.3 | moderately\_free |
| Kosovo | 86 | 60.1 | moderately\_free |
| Jordan | 87 | 60.1 | moderately\_free |
| Senegal | 88 | 60 | moderately\_free |

54 rows

SELECT

country\_name,

world\_rank,

score\_2022,

'mostly\_unfree' AS "category"

FROM

index\_2022

WHERE

score\_2022 >= 50

AND

score\_2022 < 60

ORDER BY

world\_rank;

|  |  |  |  |
| --- | --- | --- | --- |
| country\_name | world\_rank | score\_2022 | category |
| Ghana | 89 | 59.8 | mostly\_unfree |
| El Salvador | 90 | 59.6 | mostly\_unfree |
| Guyana | 91 | 59.5 | mostly\_unfree |
| Honduras | 92 | 59.5 | mostly\_unfree |
| Tanzania | 93 | 59.5 | mostly\_unfree |
| Bhutan | 94 | 59.3 | mostly\_unfree |
| Namibia | 95 | 59.2 | mostly\_unfree |
| Kiribati | 96 | 59.2 | mostly\_unfree |
| Morocco | 97 | 59.2 | mostly\_unfree |
| Madagascar | 98 | 58.9 | mostly\_unfree |
| Trinidad and Tobago | 99 | 58.8 | mostly\_unfree |
| Burkina Faso | 100 | 58.3 | mostly\_unfree |
| Kuwait | 101 | 58.3 | mostly\_unfree |
| Gambia | 102 | 58 | mostly\_unfree |
| Montenegro | 103 | 57.8 | mostly\_unfree |
| Togo | 104 | 57.2 | mostly\_unfree |
| Rwanda | 105 | 57.1 | mostly\_unfree |
| Cambodia | 106 | 57.1 | mostly\_unfree |
| Turkey | 107 | 56.9 | mostly\_unfree |
| Oman | 108 | 56.6 | mostly\_unfree |
| Belize | 109 | 56.6 | mostly\_unfree |
| Solomon Islands | 110 | 56.5 | mostly\_unfree |
| Fiji | 111 | 56.4 | mostly\_unfree |
| South Africa | 112 | 56.2 | mostly\_unfree |
| Russia | 113 | 56.1 | mostly\_unfree |
| Mali | 114 | 55.9 | mostly\_unfree |
| Gabon | 115 | 55.8 | mostly\_unfree |
| Kyrgyz Republic | 116 | 55.8 | mostly\_unfree |
| Uzbekistan | 117 | 55.7 | mostly\_unfree |
| Saudi Arabia | 118 | 55.5 | mostly\_unfree |
| Mauritania | 119 | 55.3 | mostly\_unfree |
| Djibouti | 120 | 55.3 | mostly\_unfree |
| Niger | 121 | 54.9 | mostly\_unfree |
| Nicaragua | 122 | 54.8 | mostly\_unfree |
| Papua New Guinea | 123 | 54.6 | mostly\_unfree |
| Nigeria | 124 | 54.4 | mostly\_unfree |
| Dominica | 125 | 54.4 | mostly\_unfree |
| Ecuador | 126 | 54.3 | mostly\_unfree |
| Uganda | 127 | 54.2 | mostly\_unfree |
| Tunisia | 128 | 54.2 | mostly\_unfree |
| Guinea | 129 | 54.2 | mostly\_unfree |
| Ukraine | 130 | 54.1 | mostly\_unfree |
| India | 131 | 53.9 | mostly\_unfree |
| Sri Lanka | 132 | 53.3 | mostly\_unfree |
| Brazil | 133 | 53.3 | mostly\_unfree |
| Malawi | 134 | 53 | mostly\_unfree |
| Belarus | 135 | 53 | mostly\_unfree |
| Cameroon | 136 | 52.9 | mostly\_unfree |
| Bangladesh | 137 | 52.7 | mostly\_unfree |
| Kenya | 138 | 52.6 | mostly\_unfree |
| Angola | 139 | 52.6 | mostly\_unfree |
| Sierra Leone | 140 | 52 | mostly\_unfree |
| Eswatini | 141 | 51.4 | mostly\_unfree |
| Mozambique | 142 | 51.3 | mostly\_unfree |
| Comoros | 143 | 50.4 | mostly\_unfree |
| Argentina | 144 | 50.1 | mostly\_unfree |
| Haiti | 145 | 50 | mostly\_unfree |

57 rows

SELECT

country\_name,

world\_rank,

score\_2022,

'repressed' AS "category"

FROM

index\_2022

WHERE

score\_2022 < 50

ORDER BY

world\_rank;

|  |  |  |  |
| --- | --- | --- | --- |
| country\_name | world\_rank | score\_2022 | category |
| Chad | 146 | 49.8 | repressed |
| Tajikistan | 147 | 49.7 | repressed |
| Nepal | 148 | 49.7 | repressed |
| Burma | 149 | 49.6 | repressed |
| Ethiopia | 150 | 49.6 | repressed |
| Laos | 151 | 49.2 | repressed |
| Egypt | 152 | 49.1 | repressed |
| Pakistan | 153 | 48.8 | repressed |
| Zambia | 154 | 48.7 | repressed |
| Congo, Republic of | 155 | 48.5 | repressed |
| Suriname | 156 | 48.1 | repressed |
| Lesotho | 157 | 48.1 | repressed |
| China | 158 | 48 | repressed |
| Liberia | 159 | 47.9 | repressed |
| Congo, Democratic Republic of the Congo | 160 | 47.6 | repressed |
| Maldives | 161 | 47.3 | repressed |
| Lebanon | 162 | 47.3 | repressed |
| Equatorial Guinea | 163 | 47.2 | repressed |
| Timor-Leste | 164 | 46.3 | repressed |
| Turkmenistan | 165 | 46.2 | repressed |
| Guinea-Bissau | 166 | 46 | repressed |
| Algeria | 167 | 45.8 | repressed |
| Central African Republic | 168 | 45.7 | repressed |
| Bolivia | 169 | 43 | repressed |
| Iran | 170 | 42.4 | repressed |
| Eritrea | 171 | 39.7 | repressed |
| Burundi | 172 | 39.4 | repressed |
| Zimbabwe | 173 | 33.1 | repressed |
| Sudan | 174 | 32 | repressed |
| Cuba | 175 | 29.5 | repressed |
| Venezuela | 176 | 24.8 | repressed |
| Korea, North | 177 | 3 | repressed |

32 rows

SELECT

country\_name,

world\_rank,

'not\_grated' AS "category"

FROM

index\_2022

WHERE

score\_2022 IS NULL

ORDER BY

world\_rank;

|  |  |  |
| --- | --- | --- |
| country\_name | world\_rank | category |
| Afghanistan | NULL | not\_grated |
| Iraq | NULL | not\_grated |
| Libya | NULL | not\_grated |
| Liechtenstein | NULL | not\_grated |
| Somalia | NULL | not\_grated |
| Syria | NULL | not\_grated |
| Yemen | NULL | not\_grated |

7 rows

Средний индекс за 2022 год

SELECT

ROUND(AVG(score\_2022),1) AS avg\_index\_2022

FROM

index\_2022;

|  |
| --- |
| avg\_index\_2022 |
| 60.0 |

Количество стран по регионам

SELECT

region,

COUNT(\*)

FROM

public\_freedom.index\_2022

GROUP BY

region;

|  |  |
| --- | --- |
| region,"count" | |
| Sub-Saharan Africa,48 | |
| Europe,46 |  |
| Asia-Pacific,40 | |
| Americas,32 | |
| Middle East and North Africa,18 | |

Количество стран и населения, млрд по регионам

SELECT

region,

COUNT(country\_name) AS country\_amount,

ROUND(SUM(population\_millions)/1000, 3) AS population\_bill

FROM

public\_freedom.index\_2022

GROUP BY

region

ORDER BY

3 DESC;

|  |
| --- |
| region,"country\_amount","population\_bill" |
| Asia-Pacific,40,4.275 |
| Sub-Saharan Africa,48,1.126 |
| Americas,32,1.016 |
| Europe,46,0.848 |
| Middle East and North Africa,18,0.458 |

Сортировка по категориям индекса

SELECT

count(country\_name),

CASE

WHEN score\_2022 >= 80 THEN 'free'

WHEN score\_2022 < 80 AND score\_2022 >= 70 THEN 'mostly\_free'

WHEN score\_2022 < 70 AND score\_2022 >= 60 THEN 'moderately\_free'

WHEN score\_2022 < 60 AND score\_2022 >= 50 THEN 'mostly\_unfree'

WHEN score\_2022 < 50 THEN 'repressed'

WHEN score\_2022 IS NULL THEN 'not\_grated'

END AS rating

FROM

public\_freedom.index\_2022

GROUP BY

2

ORDER BY

1 DESC;

|  |  |
| --- | --- |
| count | rating |
| 57 | mostly\_unfree |
| 54 | moderately\_free |
| 32 | repressed |
| 27 | mostly\_free |
| 7 | not\_grated |
| 7 | free |

SELECT

country\_name,

score\_2022,

'mostly\_unfree' AS "category"

FROM

public\_freedom.index\_2022

WHERE country\_name = 'Belarus';

|  |  |  |
| --- | --- | --- |
| country\_name | score\_2022 | category |
| Belarus | 53 | mostly\_unfree |

Топ 10 стран по количеству населения

SELECT

region,

country\_name,

population\_millions

FROM

public\_freedom.index\_2022

ORDER BY

population\_millions DESC

limit 10;

|  |  |  |
| --- | --- | --- |
| region | country\_name | population\_millions |
| Asia-Pacific | China | 1402.112 |
| Asia-Pacific | India | 1380.004 |
| Americas | United States | 329.484 |
| Asia-Pacific | Indonesia | 273.524 |
| Asia-Pacific | Pakistan | 220.892 |
| Americas | Brazil | 212.559 |
| Sub-Saharan Africa | Nigeria | 206.14 |
| Asia-Pacific | Bangladesh | 164.689 |
| Europe | Russia | 144.104 |
| Americas | Mexico | 128.933 |

Топ 10 стран по ВВП

SELECT

country\_name,

population\_millions,

gdp\_billions\_ppp

FROM

public\_freedom.index\_2022

WHERE

gdp\_billions\_ppp IS NOT NULL

ORDER BY

gdp\_billions\_ppp DESC

limit 10;

|  |
| --- |
| country\_name,"population\_millions","gdp\_billions\_ppp" |
| China,1402.112,24142.8 |
| United States,329.484,20932.8 |
| India,1380.004,8907.1 |
| Japan,125.836,5313.0 |
| Germany,83.241,4496.8 |
| Russia,144.104,4096.5 |
| Indonesia,273.524,3302.4 |
| Brazil,212.559,3153.6 |
| France,67.392,2999.7 |
| United Kingdom,67.215,2959.9 |

Сортировка по категориям индекса и ВВП на душу населения

SELECT

ROUND(AVG(gdp\_per\_capita\_ppp),1) AS avg\_gdp\_per\_capita,

CASE

WHEN score\_2022 >= 80 THEN 'free'

WHEN score\_2022 < 80 AND score\_2022 >= 70 THEN 'mostly\_free'

WHEN score\_2022 < 70 AND score\_2022 >= 60 THEN 'moderately\_free'

WHEN score\_2022 < 60 AND score\_2022 >= 50 THEN 'mostly\_unfree'

WHEN score\_2022 < 50 THEN 'repressed'

WHEN score\_2022 IS NULL THEN 'not\_grated'

END AS rating

FROM

public\_freedom.index\_2022

GROUP BY

2

ORDER BY

1 DESC;

|  |  |
| --- | --- |
| avg\_gdp\_per\_capita | rating |
| 73972.9 | free |
| 42518.7 | mostly\_free |
| 21803.1 | moderately\_free |
| 9916.8 | mostly\_unfree |
| 6873.8 | repressed |
| 3019.7 | not\_grated |

Разбивка всех стран по численным категориям

SELECT

country\_name,

CASE

WHEN score\_2022 >= 80 THEN 1

WHEN score\_2022 < 80 AND score\_2022 >= 70 THEN 2

WHEN score\_2022 < 70 AND score\_2022 >= 60 THEN 3

WHEN score\_2022 < 60 AND score\_2022 >= 50 THEN 4

WHEN score\_2022 < 50 THEN 5

WHEN score\_2022 IS NULL THEN 6

END AS rating

FROM

public.index\_2022;

средний индекс ЕПИ в зависимости от категории страны

SELECT

ROUND(AVG(epi\_2022),1) AS avg\_epi,

CASE

WHEN index\_2022 >= 80 THEN 'free'

WHEN index\_2022 < 80 AND index\_2022 >= 70 THEN 'mostly\_free'

WHEN index\_2022 < 70 AND index\_2022 >= 60 THEN 'moderately\_free'

WHEN index\_2022 < 60 AND index\_2022 >= 50 THEN 'mostly\_unfree'

WHEN index\_2022 < 50 THEN 'repressed'

END AS rating

FROM

public\_freedom.epi

GROUP BY

2

ORDER BY

1 DESC;

|  |  |
| --- | --- |
| avg\_epi | rating |
| 58.6 | free |
| 58.5 | mostly\_free |
| 44.8 | moderately\_free |
| 36.8 | mostly\_unfree |
| 35.6 | repressed |

Пятерка стран с минимальным подоходным налогом с населения

SELECT

country\_name,

income\_tax\_rate

FROM

public\_freedom.index\_2022

where income\_tax\_rate != 0

ORDER BY

income\_tax\_rate ASC

LIMIT 7;

|  |  |
| --- | --- |
| country\_name | income\_tax\_rate |
| Saudi Arabia | 2.5 |
| Liechtenstein | 7 |
| Guatemala | 7 |
| Montenegro | 9 |
| Bulgaria | 10 |
| Bosnia and Herzegovina | 10 |
| Kazakhstan | 10 |

Пятерка с максимальным подоходным налогом

SELECT

country\_name,

income\_tax\_rate

FROM

public\_freedom.index\_2022

where income\_tax\_rate != 0

ORDER BY

income\_tax\_rate DESC

LIMIT 5;

|  |  |
| --- | --- |
| country\_name | income\_tax\_rate |
| Chad | 60 |
| Sweden | 57 |
| Denmark | 56 |
| Austria | 55 |
| Netherlands | 52 |

Пятерка стран с минимальным налогом с корпораций

SELECT

country\_name,

corporate\_tax\_rate

FROM

public\_freedom.index\_2022

where corporate\_tax\_rate != 0

ORDER BY

corporate\_tax\_rate

LIMIT 5;

|  |  |
| --- | --- |
| country\_name | corporate\_tax\_rate |
| Saudi Arabia | 2.5 |
| Barbados | 5.5 |
| Uzbekistan | 7.5 |
| Hungary | 9 |
| Montenegro | 9 |

Пятерка стран с максимальным налогом с корпораций

SELECT

country\_name,

corporate\_tax\_rate

FROM

public\_freedom.index\_2022

where corporate\_tax\_rate != 0

ORDER BY

corporate\_tax\_rate DESC

LIMIT 5;

|  |  |
| --- | --- |
| country\_name | corporate\_tax\_rate |
| Comoros | 50 |
| Chad | 45 |
| Guyana | 40 |
| Suriname | 36 |
| Equatorial Guinea | 35 |

Беларусь

SELECT

country\_name,

income\_tax\_rate,

corporate\_tax\_rate

FROM

public\_freedom.index\_2022

where country\_name = 'Belarus';

|  |  |  |
| --- | --- | --- |
| country\_name | income\_tax\_rate | corporate\_tax\_rate |
| Belarus | 13 | 18 |