USPTO

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patents-public-data:patentsview.application

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	6,366,664
Size	318.3 MB

Schema

View in BigQuery

- `id` STRING
- `patent_id` STRING joins on **PatentsView patent__id**
- `series_code` STRING
- `number` STRING
- `country` STRING
- `date` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 6,366,664 rows)

Key	Percent	Rows	Sample values
all	100.00%	6,366,664	['8389167', '6069629', '5948887', '9124985', '5368643']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.application`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 6,366,664 rows)

_____

patents-public-data:patentsview.application__201708

Old table version 201708, schema skipped.

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patents-public-data:patentsview.assignee

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	376,913
Size	24.1 MB

Schema

View in BigQuery

- `id` STRING
- `type` STRING
- `name_first` STRING
- `name_last` STRING
- `organization` STRING

---

patents-public-data:patentsview.assignee__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.botanic

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	12,805
Size	894.2 kB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `latin_name` STRING

- `variety` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 12,805 rows)

Key	Percent	Rows	Sample values
all	100.00%	12,805	['PP24882', 'PP22333', 'PP20400', 'PP21038', 'PP17235']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.botanic`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (0.20%, 12,805 rows)

---

patents-public-data:patentsview.botanic__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.brf__sum__text

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

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Stat	Value
Last updated	2017-10-13
Rows	5,813,766
Size	52.7 GB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `text` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 5,813,766 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,813,766	['RE34164', '6310232', '8433229', '4979115', '4997900']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.brf_sum_text`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (91.32%, 5,813,766 rows)

---

patents-public-data:patentsview.brf__sum__text__201708

Old table version **201708**, schema skipped.

---

patents-public-data:patentsview.claim

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	89,944,541
Size	39.1 GB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `text` STRING

- `dependent` STRING

- `sequence` STRING

- `exemplary` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 89,944,541 rows)

Key	Percent	Rows	Sample values
`all`	100.00%	89,944,541	`['7670426', '7324448', '7700871', '8995983', '6595904']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.claim`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.99%, 6,366,040 rows)

---

patents-public-data:patentsview.claim__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.cpc__current

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	32,874,742
Size	2.6 GB

Schema

View in BigQuery

- uuid STRING

- patent_id STRING joins on **PatentsView patent__id**

- section_id STRING

- subsection_id STRING

- group_id STRING

- subgroup_id STRING

- category STRING

- sequence STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 32,874,742 rows)

Key	Percent	Rows	Sample values
all	100.00%	32,874,742	['6076688', '8952557', '7936936', '6116364', '8283061']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.cpc_current`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (90.34%, 5,751,595 rows)

———————————————————————

patents-public-data:patentsview.cpc__current__201708

Old table version 201708, schema skipped.

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patents-public-data:patentsview.cpc__group

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13

Stat	Value
Rows	656
Size	59.6 kB

Schema

View in BigQuery

- `id` STRING

- `title` STRING

---

patents-public-data:patentsview.cpc__group__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.cpc__subgroup

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	259,048
Size	62.9 MB

Schema

View in BigQuery

- `id` STRING

- `title` STRING

---

patents-public-data:patentsview.cpc__subgroup__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.cpc__subsection

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	127
Size	6.2 kB

Schema

View in BigQuery

- `id` STRING

- `title` STRING

---

patents-public-data:patentsview.cpc__subsection__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.draw__desc__text

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	61,307,429
Size	10.4 GB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `text` STRING

- `sequence` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 61,307,429 rows)

Key	Percent	Rows	Sample values
all	100.00%	61,307,429	['9505376', '7631319', '6842942', '7697406', '8578015']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.draw_desc_text`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (88.78%, 5,652,621 rows)

---

patents-public-data:patentsview.draw__desc__text__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.figures

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	5,875,847
Size	250.4 MB

Schema

View in BigQuery

- uuid STRING
- patent_id STRING joins on **PatentsView patent_id**
- num_figures STRING
- num_sheets STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 5,875,847 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,875,847	['5071090', '7291378', '8423231', '4603918', '8239509']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.figures`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (92.29%, 5,875,847 rows)

---

patents-public-data:patentsview.figures__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.foreign__priority

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	2,992,770
Size	233.8 MB

Schema

View in BigQuery

- uuid STRING

- patent_id STRING joins on **PatentsView patent__id**

- sequence STRING

- kind STRING

- number STRING

- date STRING

- country STRING

- country_transformed STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 2,992,770 rows)

Key	Percent	Rows	Sample values
all	100.00%	2,992,770	['6863171', 'D377636', '4950234', '6766661', '6321696']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.foreign_priority`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (37.32%, 2,376,338 rows)

_____

patents-public-data:patentsview.foreign__priority__201708

Old table version 201708, schema skipped.

_____

patents-public-data:patentsview.foreigncitation

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	22,020,427
Size	1.8 GB

Schema

View in BigQuery

- uuid STRING
- patent_id STRING joins on **PatentsView patent__id**
- date STRING
- number STRING
- country STRING
- category STRING

- `sequence` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 22,020,427 rows)

Key	Percent	Rows	Sample values
all	100.00%	22,020,427	['7073061', '8174881', '9369142', '8980291', '7963467']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.foreigncitation`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (52.53%, 3,344,703 rows)

———————————————————————————

patents-public-data:patentsview.foreigncitation_201708

Old table version 201708, schema skipped.

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patents-public-data:patentsview.government_interest

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	127,367
Size	26.4 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent_id**
- `gi_statement` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.34%, 126,528 rows)

Key	Percent	Rows	Sample values
all	99.34%	126,528	['9595676', '9368710', '7147861', '5442548', '8751151']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.government_interest`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (1.99%, 126,528 rows)

———————————————————————

patents-public-data:patentsview.government__interest__201708

Old table version 201708, schema skipped.

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patents-public-data:patentsview.government__organization

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	139
Size	14.5 kB

Schema

View in BigQuery

- `organization_id` STRING
- `name` STRING
- `level_one` STRING
- `level_two` STRING
- `level_three` STRING

———————————————————————

patents-public-data:patentsview.government_organization_201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.inventor

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	3,482,305
Size	102.7 MB

Schema

View in BigQuery

- `id` STRING

- `name_first` STRING

- `name_last` STRING

---

patents-public-data:patentsview.inventor_201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.ipcr

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	11,557,735
Size	1.1 GB

Schema

View in BigQuery

- `uuid` STRING

- patent_id STRING joins on **PatentsView patent__id**

- classification_level STRING

- section STRING

- ipc_class STRING

- subclass STRING

- main_group STRING

- subgroup STRING

- symbol_position STRING

- classification_value STRING

- classification_status STRING

- classification_data_source STRING

- action_date STRING

- ipc_version_indicator STRING

- sequence STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 11,557,735 rows)

Key	Percent	Rows	Sample values
all	100.00%	11,557,735	['4319089', '9159586', '6245972', '8480132', '8157281']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.ipcr`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (91.44%, 5,821,568 rows)

───

patents-public-data:patentsview.ipcr__201708

Old table version 201708, schema skipped.

───

patents-public-data:patentsview.lawyer

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	165,025
Size	10.6 MB

Schema

View in BigQuery

- `id` STRING

- `name_first` STRING

- `name_last` STRING

- `organization` STRING

- `country` STRING

---

patents-public-data:patentsview.lawyer__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.location

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	129,303
Size	8.0 MB

Schema

View in BigQuery

- `id` STRING

- `city` STRING

- `state` STRING

- `country` STRING

- `latitude` STRING

- `longitude` STRING

- `county` STRING

- `state_fips` STRING

- `county_fips` STRING

---

patents-public-data:patentsview.location__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.location__assignee

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	525,658
Size	25.2 MB

Schema

View in BigQuery

- `location_id` STRING

- `assignee_id` STRING

---

patents-public-data:patentsview.location__assignee__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.location__inventor

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	4,798,996
Size	120.0 MB

Schema

View in BigQuery

- `location_id` STRING

- `inventor_id` STRING

---

patents-public-data:patentsview.location__inventor__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.mainclass

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	1,237
Size	6.1 kB

Schema

View in BigQuery

- `id` STRING

---

patents-public-data:patentsview.mainclass__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.mainclass__current

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	511
Size	20.2 kB

Schema

View in BigQuery

- `id` STRING

- `title` STRING

---

patents-public-data:patentsview.mainclass__current__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.match

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-22
Rows	6,357,947
Size	149.8 MB

Schema

View in BigQuery

- `patent_id` STRING NULLABLE joins on **PatentsView patent__id**

- `publication_number` STRING NULLABLE joins on **publication__number**

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 6,357,947 rows)

Key	Percent	Rows	Sample values
`all`	100.00%	6,357,947	`['7789625', '6278841', '6906014', '7445960', '7029697']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.match`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (99.86%, 6,357,947 rows)

publication_number

joins to `patents-public-data:patents.publications::publication_number` on **publication_number** (99.93%, 6,353,198 rows)

Key	Percent	Rows	Sample values
all	99.93%	6,353,198	['US-9667102-B2', 'US-5479953-A', 'US-5526692-A', 'US-4208487-A', 'US-6634924-B1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.match`AS first
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from `patents-public-data:patents.publications::publication_number` on **publication_number** (6.47%, 6,353,172 rows)

---

patents-public-data:patentsview.match_201780

Old table version 201780, schema skipped.

---

patents-public-data:patentsview.nber

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	5,105,937
Size	219.6 MB

Schema

View in BigQuery

- uuid STRING
- patent_id STRING joins on **PatentsView patent_id**
- category_id STRING

- subcategory_id STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 5,105,937 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,105,937	`['4381400', '7504327', '5512221', '8080417', '6019526']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.nber`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (80.20%, 5,105,937 rows)

———————————————————————

patents-public-data:patentsview.nber__201708

Old table version 201708, schema skipped.

———————————————————————

patents-public-data:patentsview.nber__category

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	6
Size	67 Bytes

Schema

View in BigQuery

- id STRING
- title STRING

———————————————————————

patents-public-data:patentsview.nber__category__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.nber__subcategory

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	37
Size	819 Bytes

Schema

View in BigQuery

- `id` STRING
- `title` STRING

---

patents-public-data:patentsview.nber__subcategory__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.non__inventor__applicant

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	598,855
Size	69.1 MB

Schema

View in BigQuery

- `uuid` STRING
- `patent_id` STRING joins on **PatentsView patent_id**

- `rawlocation_id` STRING

- `lname` STRING

- `fname` STRING

- `organization` STRING

- `sequence` STRING

- `designation` STRING

- `applicant_type` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 598,855 rows)

Key	Percent	Rows	Sample values
all	100.00%	598,855	['D689382', '9719993', '8964375', '9285558', '8865723']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.non_inventor_applicant`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (9.41%, 598,855 rows)

---

patents-public-data:patentsview.non_inventor_applicant_201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.otherreference

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	31,414,354
Size	5.8 GB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `text` STRING

- `sequence` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 31,414,354 rows)

Key	Percent	Rows	Sample values
all	100.00%	31,414,354	['9443518', '6416998', '8314808', '7779707', '7695603']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.otherreference`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (42.57%, 2,710,182 rows)

---

patents-public-data:patentsview.otherreference__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	6,366,664
Size	5.0 GB

Schema

View in BigQuery

- id STRING joins on **PatentsView patent__id**

- type STRING

- number STRING

- country STRING

- date STRING

- abstract STRING

- title STRING

- kind STRING

- num_claims STRING

- filename STRING

Join columns

id

joins to `patents-public-data:patentsview.application::patent_id` on **PatentsView patent__id** (100.00%, 6,366,664 rows)

Key	Percent	Rows	Sample values
all	100.00%	6,366,664	['6674890', '9254199', '5525579', '7470603', '5951143']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.application`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.botanic::patent_id` on **PatentsView patent__id** (0.20%, 12,805 rows)

Key	Percent	Rows	Sample values
all	0.20%	12,805	['7189910', '9047964', '9424969', '7562307', '9714069']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.botanic`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.brf_sum_text::patent_id` on **PatentsView patent_id** (91.32%, 5,813,766 rows)

Key	Percent	Rows	Sample values
all	91.32%	5,813,766	['D428016', '5870040', '9526498', '6497505', '4946762']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.brf_sum_text`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.claim::patent_id` on **PatentsView patent_id** (99.99%, 6,366,040 rows)

Key	Percent	Rows	Sample values
all	99.99%	6,366,040	['4973696', '6611420', '5945156', '5553930', '5553743']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.claim`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.cpc_current::patent_id` on **PatentsView patent_id** (90.34%, 5,751,595 rows)

Key	Percent	Rows	Sample values
all	90.34%	5,751,595	['6424471', 'D420655', '5513414', '9236147', '6975636']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.cpc_current`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.draw_desc_text::patent_id` on **PatentsView patent_id** (88.78%, 5,652,621 rows)

Key	Percent	Rows	Sample values
all	88.78%	5,652,621	['5727683', '7620486', '7767470', '8097018', '7318291']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.draw_desc_text`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.figures::patent_id on **PatentsView patent__id** (92.29%, 5,875,847 rows)

Key	Percent	Rows	Sample values
all	92.29%	5,875,847	['5987461', '6418436', '7961677', '9225590', '4902534']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.figures`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.foreign_priority::patent_id on **PatentsView patent__id** (37.32%, 2,376,338 rows)

Key	Percent	Rows	Sample values
all	37.32%	2,376,338	['5471183', '7647187', '6013167', '7964514', '4123527']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.foreign_priority`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.foreigncitation::patent_id on **PatentsView patent__id** (52.53%, 3,344,703 rows)

Key	Percent	Rows	Sample values
all	52.53%	3,344,703	['5322551', '7576014', '4462916', '4883340', '7192651']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.foreigncitation`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.government_interest::patent_id on **PatentsView patent__id** (1.99%, 126,528 rows)

Key	Percent	Rows	Sample values
all	1.99%	126,528	['6850174', '8239146', '4545066', '6516251', '7119074']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.government_interest`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.ipcr::patent_id on **PatentsView patent__id** (91.44%, 5,821,568 rows)

Key	Percent	Rows	Sample values
all	91.44%	5,821,568	['5818247', '4887472', '5173934', 'D668385', '6476745']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.ipcr`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.match::patent_id on **PatentsView patent__id** (99.86%, 6,357,947 rows)

Key	Percent	Rows	Sample values
all	99.86%	6,357,947	['4724676', '8573865', '7802353', '4471005', '7606088']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
```

```
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.match`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.nber::patent_id on **PatentsView patent__id** (80.20%, 5,105,937 rows)

Key	Percent	Rows	Sample values
all	80.20%	5,105,937	['8468189', 'D557528', '8653305', '6817858', '5909399']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.nber`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.non_inventor_applicant::patent_id on **PatentsView patent__id** (9.41%, 598,855 rows)

Key	Percent	Rows	Sample values
all	9.41%	598,855	['7144822', '9184876', '8628391', '6154148', '5091813']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.non_inventor_applicant`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.otherreference::patent_id on **PatentsView patent__id** (42.57%, 2,710,182 rows)

Key	Percent	Rows	Sample values
all	42.57%	2,710,182	['7963788', '5797506', '9459069', '7639471', '5492141']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.otherreference`
```

```
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.patent_assignee::patent_id on **PatentsView patent_id** (85.62%, 5,451,090 rows)

Key	Percent	Rows	Sample values
all	85.62%	5,451,090	['7061671', '6528888', '6311712', 'D566453', '7451136']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent_assignee`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.patent_contractawardnumber::patent_id on **PatentsView patent_id** (1.55%, 98,812 rows)

Key	Percent	Rows	Sample values
all	1.55%	98,812	['5347768', 'RE37037', '6426698', 'D763717', '8543520']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent_contractawardnumber`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.patent_govintorg::patent_id on **PatentsView patent_id** (1.91%, 121,410 rows)

Key	Percent	Rows	Sample values
all	1.91%	121,410	['6604027', '8080026', '7000451', 'D287301', '4353679']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent_govintorg`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.patent_inventor::patent_id on **PatentsView patent_id** (99.99%,

6,365,851 rows)

Key	Percent	Rows	Sample values
all	99.99%	6,365,851	['5464529', '6222187', '7883369', '5380543', '8046312']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent_inventor`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.patent_lawyer::patent_id on **PatentsView patent__id** (92.44%, 5,885,331 rows)

Key	Percent	Rows	Sample values
all	92.44%	5,885,331	['8233160', '6843852', 'D255130', '9240628', '6424011']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent_lawyer`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.pct_data::patent_id on **PatentsView patent__id** (9.00%, 572,891 rows)

Key	Percent	Rows	Sample values
all	9.00%	572,891	['6858149', '5992684', '7385475', '4581375', '5279424']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.pct_data`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.rawassignee::patent_id on **PatentsView patent__id** (85.62%, 5,451,096 rows)

Key	Percent	Rows	Sample values
Key	Percent	Rows	Sample values
all	85.62%	5,451,096	['8360550', '6502080', '7205888', '8617398', '7301916']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.rawassignee`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.rawexaminer::patent_id on **PatentsView patent__id** (99.98%, 6,365,105 rows)

Key	Percent	Rows	Sample values
all	99.98%	6,365,105	['5785921', '6249692', '9289185', '4906387', '4606896']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.rawexaminer`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.rawinventor::patent_id on **PatentsView patent__id** (99.99%, 6,365,851 rows)

Key	Percent	Rows	Sample values
all	99.99%	6,365,851	['8567100', '7171401', '4437177', '4442025', '5588363']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.rawinventor`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.rawlawyer::patent_id on **PatentsView patent__id** (92.44%, 5,885,426 rows)

Key	Percent	Rows	Sample values
all	92.44%	5,885,426	['6848512', '3941847', '4307190', '6584816', '4162075']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.rawlawyer`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.rel_app_text::patent_id on **PatentsView patent__id** (22.59%, 1,438,215 rows)

Key	Percent	Rows	Sample values
all	22.59%	1,438,215	['7713406', '4765102', '9613321', '7722145', '9668527']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.rel_app_text`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.us_term_of_grant::patent_id on **PatentsView patent__id** (45.91%, 2,923,111 rows)

Key	Percent	Rows	Sample values
all	45.91%	2,923,111	['8325895', '6552631', '7342668', '4196188', '6364983']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.us_term_of_grant`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.usapplicationcitation::patent_id on **PatentsView patent__id** (36.83%, 2,344,704 rows)

Key	Percent	Rows	Sample values
all	36.83%	2,344,704	['6973241', '7300360', '9687673', '8913613', '8666954']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.usapplicationcitation`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.uspatentcitation::patent_id on **PatentsView patent__id** (95.36%, 6,071,414 rows)

Key	Percent	Rows	Sample values
all	95.36%	6,071,414	['6725847', '4307341', '6358138', '6852080', '5860497']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.uspatentcitation`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.uspc::patent_id on **PatentsView patent__id** (79.24%, 5,044,804 rows)

Key	Percent	Rows	Sample values
all	79.24%	5,044,804	['7533547', '4607007', '5516759', '6017979', '7748590']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.uspc`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to patents-public-data:patentsview.uspc_current::patent_id on **PatentsView patent__id** (99.29%, 6,321,292 rows)

Key	Percent	Rows	Sample values
all	99.29%	6,321,292	['7484870', '6583447', '6710890', '6648713', '6791448']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
```

```
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.uspc_current`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.usreldoc::patent_id` on **PatentsView patent__id** (47.85%, 3,046,372 rows)

Key	Percent	Rows	Sample values
all	47.85%	3,046,372	['D335588', '7909661', '4324304', '8933972', '4232106']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.usreldoc`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins to `patents-public-data:patentsview.wipo::patent_id` on **PatentsView patent__id** (99.26%, 6,319,470 rows)

Key	Percent	Rows	Sample values
all	99.26%	6,319,470	['9455301', '5347761', 'D664330', '7537098', '5953756']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent`AS first
LEFT JOIN (
  SELECT patent_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.wipo`
  GROUP BY 1
) AS second ON first.id = second.second_column
```

joins from `patents-public-data:patentsview.application::patent_id` on **PatentsView patent__id** (100.00%, 6,366,664 rows)

joins from `patents-public-data:patentsview.botanic::patent_id` on **PatentsView patent__id** (100.00%, 12,805 rows)

joins from `patents-public-data:patentsview.brf_sum_text::patent_id` on **PatentsView patent__id** (100.00%, 5,813,766 rows)

joins from `patents-public-data:patentsview.claim::patent_id` on **PatentsView patent__id** (100.00%, 89,944,541 rows)

joins from `patents-public-data:patentsview.cpc_current::patent_id` on **PatentsView patent__id** (100.00%, 32,874,742 rows)

joins from `patents-public-data:patentsview.draw_desc_text::patent_id` on **PatentsView patent__id** (100.00%, 61,307,429 rows)

joins from `patents-public-data:patentsview.figures::patent_id` on **PatentsView patent__id** (100.00%, 5,875,847 rows)

joins from `patents-public-data:patentsview.foreign_priority::patent_id` on **PatentsView patent__id** (100.00%, 2,992,770 rows)

joins from `patents-public-data:patentsview.foreigncitation::patent_id` on **PatentsView patent__id** (100.00%, 22,020,427 rows)

joins from `patents-public-data:patentsview.government_interest::patent_id` on **PatentsView patent__id** (99.34%, 126,528 rows)

joins from `patents-public-data:patentsview.ipcr::patent_id` on **PatentsView patent__id** (100.00%, 11,557,735 rows)

joins from `patents-public-data:patentsview.match::patent_id` on **PatentsView patent__id** (100.00%, 6,357,947 rows)

joins from `patents-public-data:patentsview.nber::patent_id` on **PatentsView patent__id** (100.00%, 5,105,937 rows)

joins from `patents-public-data:patentsview.non_inventor_applicant::patent_id` on **PatentsView patent__id** (100.00%, 598,855 rows)

joins from `patents-public-data:patentsview.otherreference::patent_id` on **PatentsView patent__id** (100.00%, 31,414,354 rows)

joins from `patents-public-data:patentsview.patent_assignee::patent_id` on **PatentsView patent__id** (100.00%, 5,629,558 rows)

joins from `patents-public-data:patentsview.patent_contractawardnumber::patent_id` on **PatentsView patent__id** (99.79%, 138,703 rows)

joins from `patents-public-data:patentsview.patent_govintorg::patent_id` on **PatentsView patent__id** (99.41%, 142,889 rows)

joins from `patents-public-data:patentsview.patent_inventor::patent_id` on **PatentsView patent__id** (100.00%, 14,953,518 rows)

joins from `patents-public-data:patentsview.patent_lawyer::patent_id` on **PatentsView patent__id** (100.00%, 7,226,556 rows)

joins from `patents-public-data:patentsview.pct_data::patent_id` on **PatentsView patent__id** (100.00%, 1,100,050 rows)

joins from `patents-public-data:patentsview.rawassignee::patent_id` on **PatentsView patent__id** (100.00%, 5,629,565 rows)

joins from `patents-public-data:patentsview.rawexaminer::patent_id` on **PatentsView patent__id** (100.00%, 8,727,147 rows)

joins from `patents-public-data:patentsview.rawinventor::patent_id` on **PatentsView patent__id** (100.00%, 14,959,652 rows)

joins from `patents-public-data:patentsview.rawlawyer::patent_id` on **PatentsView patent__id** (100.00%, 7,226,654 rows)

joins from `patents-public-data:patentsview.rel_app_text::patent_id` on **PatentsView patent__id** (100.00%, 1,438,215 rows)

joins from `patents-public-data:patentsview.us_term_of_grant::patent_id` on **PatentsView patent__id** (100.00%, 2,923,111 rows)

joins from `patents-public-data:patentsview.usapplicationcitation::patent_id` on **PatentsView patent__id** (100.00%, 25,343,373 rows)

joins from `patents-public-data:patentsview.uspatentcitation::patent_id` on **PatentsView patent__id** (100.00%, 89,122,312 rows)

joins from `patents-public-data:patentsview.uspc::patent_id` on **PatentsView patent__id** (100.00%, 18,024,187 rows)

joins from `patents-public-data:patentsview.uspc_current::patent_id` on **PatentsView patent__id** (100.00%, 22,576,756 rows)

joins from `patents-public-data:patentsview.usreldoc::patent_id` on **PatentsView patent__id** (100.00%, 8,022,497 rows)

joins from `patents-public-data:patentsview.wipo::patent_id` on **PatentsView patent__id** (100.00%, 8,474,756 rows)

---

patents-public-data:patentsview.patent__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent__assignee

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	5,629,558
Size	242.1 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent__id**

- `assignee_id` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 5,629,558 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,629,558	['6540048', '4750060', 'D498497', '6998660', '4688914']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent_assignee`AS first
LEFT JOIN (
```

```
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (85.62%, 5,451,090 rows)

---

patents-public-data:patentsview.patent__assignee__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent__contractawardnumber

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	138,988
Size	3.3 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent__id**

- `contract_award_number` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.79%, 138,703 rows)

Key	Percent	Rows	Sample values
all	99.79%	138,703	['4682053', '8805316', '5721143', '6602693', '6316131']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent_contractawardnumber`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (1.55%, 98,812 rows)

---

patents-public-data:patentsview.patent__contractawardnumber__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent__govintorg

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	143,743
Size	1.9 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent__id**

- `organization_id` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.41%, 142,889 rows)

Key	Percent	Rows	Sample values
all	99.41%	142,889	['5591439', '7842144', '9577731', '5576147', '6448045']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent_govintorg`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (1.91%, 121,410 rows)

---

patents-public-data:patentsview.patent__govintorg__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent__inventor

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	14,953,518
Size	299.1 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent__id**

- `inventor_id` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 14,953,518 rows)

Key	Percent	Rows	Sample values
all	100.00%	14,953,518	['7721596', '9478958', '6861563', '7285876', '4952986']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent_inventor`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.99%, 6,365,851 rows)

---

patents-public-data:patentsview.patent__inventor__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.patent__lawyer

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	7,226,556
Size	310.7 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent__id**

- `lawyer_id` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 7,226,556 rows)

Key	Percent	Rows	Sample values
all	100.00%	7,226,556	['5494108', '9726821', '8399659', '4655491', '4558250']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.patent_lawyer`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (92.44%, 5,885,331 rows)

---

patents-public-data:patentsview.patent__lawyer__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.pct__data

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

Stat	Value
Last updated	2017-10-13
Rows	1,100,050
Size	101.9 MB

Schema

View in BigQuery

- uuid STRING
- patent_id STRING joins on **PatentsView patent__id**
- rel_id STRING
- date STRING
- f371_date STRING
- country STRING
- kind STRING
- doc_type STRING
- f102_date STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 1,100,050 rows)

Key	Percent	Rows	Sample values
all	100.00%	1,100,050	['7388010', '7731935', '9541681', '9068679', '8252430']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.pct_data`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (9.00%, 572,891 rows)

---

patents-public-data:patentsview.pct__data__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.persistent__inventor__disamb

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	14,959,652
Size	728.5 MB

Schema

View in BigQuery

- `rawinventor_id` STRING
- `disamb_inventor_id_20170307` STRING
- `disamb_inventor_id_20170808` STRING

---

patents-public-data:patentsview.persistent__inventor__disamb__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.rawassignee

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	5,629,565
Size	734.8 MB

Schema

View in BigQuery

- `uuid` STRING
- `patent_id` STRING joins on **PatentsView patent_id**
- `assignee_id` STRING
- `rawlocation_id` STRING
- `type` STRING

- `name_first` STRING

- `name_last` STRING

- `organization` STRING

- `sequence` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 5,629,565 rows)

Key	Percent	Rows	Sample values
all	100.00%	5,629,565	['9311986', '7512376', '8142008', '6432904', '6715281']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.rawassignee`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (85.62%, 5,451,096 rows)

---

patents-public-data:patentsview.rawassignee__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.rawexaminer

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	8,727,147
Size	584.9 MB

Schema

View in BigQuery

- uuid STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `name_first` STRING

- `name_last` STRING

- `role` STRING

- `group` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 8,727,147 rows)

Key	Percent	Rows	Sample values
all	100.00%	8,727,147	['9206285', 'D327083', '8026714', 'D472087', '4372373']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.rawexaminer`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.98%, 6,365,105 rows)

---

patents-public-data:patentsview.rawexaminer__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.rawinventor

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	14,959,652
Size	1.5 GB

Schema

View in BigQuery

- uuid STRING

- patent_id STRING joins on **PatentsView patent_id**

- inventor_id STRING

- rawlocation_id STRING

- name_first STRING

- name_last STRING

- sequence STRING

- rule_47 STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 14,959,652 rows)

Key	Percent	Rows	Sample values
all	100.00%	14,959,652	['8665712', '9365638', '8961055', '7102858', '4314078']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.rawinventor`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (99.99%, 6,365,851 rows)

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patents-public-data:patentsview.rawinventor__201708

Old table version 201708, schema skipped.

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patents-public-data:patentsview.rawlawyer

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	7,226,654
Size	730.6 MB

Schema

View in BigQuery

- uuid STRING

- lawyer_id STRING

- patent_id STRING joins on **PatentsView patent__id**

- name_first STRING

- name_last STRING

- organization STRING

- country STRING

- sequence STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 7,226,654 rows)

Key	Percent	Rows	Sample values
all	100.00%	7,226,654	['5228771', '5771060', '4183744', '6539452', '8612261']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.rawlawyer`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (92.44%, 5,885,426 rows)

———————————————————————

patents-public-data:patentsview.rawlawyer__201708

Old table version 201708, schema skipped.

———————————————————————

patents-public-data:patentsview.rawlocation

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13

Stat	Value
Rows	20,705,708
Size	1.7 GB

Schema

View in BigQuery

- `id` STRING
- `location_id` STRING
- `city` STRING
- `state` STRING
- `country` STRING
- `latlong` STRING

---

patents-public-data:patentsview.rawlocation__201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.rel_app_text

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	1,438,215
Size	604.4 MB

Schema

View in BigQuery

- `uuid` STRING
- `patent_id` STRING joins on **PatentsView patent_id**
- `text` STRING
- `sequence` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 1,438,215 rows)

Key	Percent	Rows	Sample values
all	100.00%	1,438,215	['9449654', '8623030', '8519425', '3956232', '9173863']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.rel_app_text`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (22.59%, 1,438,215 rows)

---

patents-public-data:patentsview.rel__app__text__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.subclass

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	264,386
Size	2.4 MB

Schema

View in BigQuery

- id STRING

---

patents-public-data:patentsview.subclass__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.subclass_current

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	171,053
Size	7.4 MB

Schema

View in BigQuery

- `id` STRING
- `title` STRING

---

patents-public-data:patentsview.subclass_current_201708

Old table version `201708`, schema skipped.

---

patents-public-data:patentsview.us_term_of_grant

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	2,923,111
Size	181.1 MB

Schema

View in BigQuery

- `uuid` STRING
- `patent_id` STRING joins on **PatentsView patent_id**
- `lapse_of_patent` STRING
- `disclaimer_date` STRING
- `term_disclaimer` STRING
- `term_grant` STRING

- `term_extension` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 2,923,111 rows)

Key	Percent	Rows	Sample values
all	100.00%	2,923,111	`['7468394', '6911314', '8268000', '7629442', 'D699025']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.us_term_of_grant`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (45.91%, 2,923,111 rows)

———————————————————————————

patents-public-data:patentsview.us__term__of__grant__201708

Old table version 201708, schema skipped.

———————————————————————————

patents-public-data:patentsview.usapplicationcitation

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	25,343,373
Size	3.1 GB

Schema

View in BigQuery

- `uuid` STRING
- `patent_id` STRING joins on **PatentsView patent__id**
- `application_id` STRING
- `date` STRING

- name STRING

- kind STRING

- number STRING

- country STRING

- category STRING

- sequence STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 25,343,373 rows)

Key	Percent	Rows	Sample values
all	100.00%	25,343,373	['8729544', '9330598', '7254249', '8364808', '8085759']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.usapplicationcitation`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (36.83%, 2,344,704 rows)

---

patents-public-data:patentsview.usapplicationcitation__201708

Old table version **201708**, schema skipped.

---

patents-public-data:patentsview.uspatentcitation

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	89,122,312
Size	8.7 GB

Schema

View in BigQuery

- uuid STRING

- patent_id STRING joins on **PatentsView patent__id**

- citation_id STRING

- date STRING

- name STRING

- kind STRING

- country STRING

- category STRING

- sequence STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 89,122,312 rows)

Key	Percent	Rows	Sample values
all	100.00%	89,122,312	['7747835', '8616663', '6423003', '6493479', '4062681']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.uspatentcitation`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (95.36%, 6,071,414 rows)

---

patents-public-data:patentsview.uspatentcitation__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.uspc

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	18,024,187
Size	954.3 MB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `mainclass_id` STRING

- `subclass_id` STRING

- `sequence` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 18,024,187 rows)

Key	Percent	Rows	Sample values
`all`	100.00%	18,024,187	`['5690987', '5882426', '7040837', '7323759', '5122832']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.uspc`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (79.24%, 5,044,804 rows)

---

patents-public-data:patentsview.uspc__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.uspc__current

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-13
Rows	22,576,756
Size	1.2 GB

Schema

View in BigQuery

- `uuid` STRING

- `patent_id` STRING joins on **PatentsView patent__id**

- `mainclass_id` STRING

- `subclass_id` STRING

- `sequence` STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 22,576,756 rows)

Key	Percent	Rows	Sample values
`all`	100.00%	22,576,756	`['6563835', '5573024', '5762148', '7727383', '4363039']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.uspc_current`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (99.29%, 6,321,292 rows)

---

patents-public-data:patentsview.uspc__current__201708

Old table version **201708**, schema skipped.

---

patents-public-data:patentsview.usreldoc

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-20
Rows	8,022,497
Size	792.1 MB

Schema

View in BigQuery

- uuid STRING

- patent_id STRING joins on **PatentsView patent__id**

- doctype STRING

- relkind STRING

- reldocno STRING

- country STRING

- date STRING

- status STRING

- sequence STRING

- kind STRING

Join columns

patent__id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (100.00%, 8,022,497 rows)

Key	Percent	Rows	Sample values
all	100.00%	8,022,497	['6664339', '9084917', '9621931', '8556225', '6639478']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.usreldoc`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent__id** (47.85%, 3,046,372 rows)

—————————————————————————

patents-public-data:patentsview.usreldoc__201708

Old table version 201708, schema skipped.

—————————————————————————

patents-public-data:patentsview.wipo

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-20
Rows	8,474,756
Size	133.0 MB

Schema

View in BigQuery

- `patent_id` STRING joins on **PatentsView patent_id**

- `field_id` STRING

- `sequence` STRING

Join columns

patent_id

joins to `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (100.00%, 8,474,756 rows)

Key	Percent	Rows	Sample values
all	100.00%	8,474,756	['9256970', '6848866', 'D641165', '9337071', '8815881']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patent_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.patentsview.wipo`AS first
LEFT JOIN (
  SELECT id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patentsview.patent`
  GROUP BY 1
) AS second ON first.patent_id = second.second_column
```

joins from `patents-public-data:patentsview.patent::id` on **PatentsView patent_id** (99.26%, 6,319,470 rows)

---

patents-public-data:patentsview.wipo__201708

Old table version 201708, schema skipped.

---

patents-public-data:patentsview.wipo__field

PatentsView Data is a database that longitudinally links inventors, their organizations, locations, and overall patenting activity. The dataset uses data derived from USPTO bulk data files.

"PatentsView" by the USPTO, US Department of Agriculture (USDA), the Center for the Science of Science and Innovation Policy, New York University, the University of California at Berkeley, Twin Arch Technologies, and Periscopic, used under CC BY 4.0.

Stat	Value
Last updated	2017-10-20
Rows	70
Size	3.6 kB

Schema

View in BigQuery

- `id` STRING
- `sector_title` STRING
- `field_title` STRING

---

patents-public-data:patentsview.wipo__field__201708

Old table version 201708, schema skipped.

---

patents-public-data:uspto__oce__assignment.assignee

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	7,495,292
Size	720.6 MB

Schema

View in BigQuery

- `rf_id` STRING
- `ee_name` STRING
- `ee_address_1` STRING
- `ee_address_2` STRING
- `ee_city` STRING

- `ee_state` STRING

- `ee_postcode` STRING

- `ee_country` STRING

---

patents-public-data:uspto__oce__assignment.assignee__2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto__oce__assignment.assignment

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	7,239,361
Size	1.5 GB

Schema

View in BigQuery

- `rf_id` STRING

- `file_id` STRING

- `cname` STRING

- `caddress_1` STRING

- `caddress_2` STRING

- `caddress_3` STRING

- `caddress_4` STRING

- `reel_no` STRING

- `frame_no` STRING

- `convey_text` STRING

- `record_dt` STRING

- `last_update_dt` STRING

- `page_count` STRING

- `purge_in` STRING

---

patents-public-data:uspto_oce_assignment.assignment__2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto_oce_assignment.assignment__conveyance

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	7,239,361
Size	184.9 MB

Schema

View in BigQuery

- `rf_id` STRING
- `convey_ty` STRING
- `employer_assign` STRING

---

patents-public-data:uspto_oce_assignment.assignment__conveyance__2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto_oce_assignment.assignor

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	16,766,049
Size	694.3 MB

Schema

View in BigQuery

- `rf_id` STRING

- `or_name` STRING

- `exec_dt` STRING

- `ack_dt` STRING

---

patents-public-data:uspto__oce__assignment.assignor__2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto__oce__assignment.documentid

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	12,177,345
Size	1.6 GB

Schema

View in BigQuery

- `rf_id` STRING

- `title` STRING

- `lang` STRING

- `appno_doc_num` STRING

- `appno_date` STRING

- `appno_country` STRING

- `pgpub_doc_num` STRING joins on **OCE Assignment pgpub__doc__num**

- `pgpub_date` STRING

- `pgpub_country` STRING

- `grant_doc_num` STRING joins on **OCE Assignment grant__doc__num**

- `grant_date` STRING

- `grant_country` STRING

Join columns

pgpub__doc__num

joins to `patents-public-data:uspto_oce_assignment.match::pgpub_doc_num` on **OCE Assignment pgpub__doc__num** (54.48%, 6,634,799 rows)

Key	Percent	Rows	Sample values
all	54.48%	6,634,799	['20020091331', '20020004365', '20150144491', '20070074869', '20040065311']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pgpub_doc_num IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_assignment.documentid`AS first
LEFT JOIN (
  SELECT pgpub_doc_num AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_assignment.match`
  GROUP BY 1
) AS second ON first.pgpub_doc_num = second.second_column
```

joins from `patents-public-data:uspto_oce_assignment.match::pgpub_doc_num` on **OCE Assignment pgpub__doc__num** (44.41%, 3,940,447 rows)

grant__doc__num

joins to `patents-public-data:uspto_oce_assignment.match::grant_doc_num` on **OCE Assignment grant__doc__num** (81.65%, 9,942,785 rows)

Key	Percent	Rows	Sample values
all	81.65%	9,942,785	['6140234', '8047950', '5314696', '7460178', 'D365706']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.grant_doc_num IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_assignment.documentid`AS first
LEFT JOIN (
  SELECT grant_doc_num AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_assignment.match`
  GROUP BY 1
) AS second ON first.grant_doc_num = second.second_column
```

joins from `patents-public-data:uspto_oce_assignment.match::grant_doc_num` on **OCE Assignment grant__doc__num** (55.59%, 4,932,961 rows)

---

patents-public-data:uspto__oce__assignment.documentid_2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto__oce__assignment.documentid_admin

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-12
Rows	12,131,132
Size	598.4 MB

Schema

View in BigQuery

- `rf_id` STRING

- `appno_doc_num` STRING

- `grant_doc_num` STRING

- `admin_appl_id_for_grant` STRING

- `admin_pat_no_for_appno` STRING

- `error` STRING

---

patents-public-data:uspto_oce_assignment.documentid_admin_2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto_oce_assignment.match

USPTO OCE Patent Assignment Dataset contains detailed data patent assignments and other transactions recorded at the USPTO since 1970.

"USPTO OCE Patent Assignment Data" by the USPTO, for public use. Marco, Alan C., Graham, Stuart J.H., Myers, Amanda F., D'Agostino, Paul A and Apple, Kirsten, "The USPTO Patent Assignment Dataset: Descriptions and Analysis" (July 27, 2015).

Stat	Value
Last updated	2017-10-22
Rows	8,873,408
Size	256.3 MB

Schema

View in BigQuery

- `pgpub_doc_num` STRING NULLABLE joins on **OCE Assignment pgpub_doc_num**

- `grant_doc_num` STRING NULLABLE joins on **OCE Assignment grant_doc_num**

- `publication_number` STRING NULLABLE joins on **publication_number**

Join columns

pgpub_doc_num

joins to `patents-public-data:uspto_oce_assignment.documentid::pgpub_doc_num` on **OCE Assignment pgpub_doc_num** (44.41%, 3,940,447 rows)

Key	Percent	Rows	Sample values
all	44.41%	3,940,447	['20120156833', '20150251856', '', '20030141080', '20020095069']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pgpub_doc_num IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_assignment.match`AS first
LEFT JOIN (
  SELECT pgpub_doc_num AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_assignment.documentid`
  GROUP BY 1
) AS second ON first.pgpub_doc_num = second.second_column
```

joins from patents-public-data:uspto_oce_assignment.documentid::pgpub_doc_num on **OCE Assignment pgpub__doc__num** (54.48%, 6,634,799 rows)

grant__doc__num

joins to patents-public-data:uspto_oce_assignment.documentid::grant_doc_num on **OCE Assignment grant__doc__num** (55.59%, 4,932,961 rows)

Key	Percent	Rows	Sample values
all	55.59%	4,932,961	['7380595', '', '7494038', '9264718', '6884598']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.grant_doc_num IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_assignment.match`AS first
LEFT JOIN (
  SELECT grant_doc_num AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_assignment.documentid`
  GROUP BY 1
) AS second ON first.grant_doc_num = second.second_column
```

joins from patents-public-data:uspto_oce_assignment.documentid::grant_doc_num on **OCE Assignment grant__doc__num** (81.65%, 9,942,785 rows)

publication__number

joins to patents-public-data:patents.publications::publication_number on **publication__number** (99.96%, 8,869,754 rows)

Key	Percent	Rows	Sample values
all	99.96%	8,869,754	['US-2014016098-A1', 'US-8008688-B2', 'US-7364189-B2', 'US-2011311184-A1', 'US-2015005717-A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_assignment.match`AS first
```

```
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from `patents-public-data:patents.publications::publication_number` on **publication_number** (9.03%, 8,869,739 rows)

---

patents-public-data:uspto__oce__assignment.match__2016

Old table version 2016, schema skipped.

---

patents-public-data:uspto__oce__cancer.match

USPTO Cancer Moonshot Patent Data was generated using USPTO examiner tools to execute a series of queries designed to identify cancer-specific patents and patent applications. This includes drugs, diagnostics, cell lines, mouse models, radiation-based devices, surgical devices, image analytics, data analytics, and genomic-based inventions.

"USPTO Cancer Moonshot Patent Data" by the USPTO, for public use. Frumkin, Jesse and Myers, Amanda F., Cancer Moonshot Patent Data (August, 2016).

Stat	Value
Last updated	2017-10-23
Rows	269,244
Size	9.1 MB

Schema

View in BigQuery

- `Patent_or_Publication_ID STRING NULLABLE` joins on **OCE Cancer id**
- `publication_number STRING NULLABLE` joins on **publication_number**

Join columns

Patent_or_Publication_ID

joins to `patents-public-data:uspto_oce_cancer.publications::Patent_or_Publication_ID` on **OCE Cancer id** (100.00%, 269,244 rows)

Key	Percent	Rows	Sample values
all	100.00%	269,244	['US 20150185202 A1', 'US 20060111365 A1', 'US 20070298056 A1', 'US 8853396 B2', 'US 20090198074 A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.Patent_or_Publication_ID IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_cancer.match`AS first
```

```
LEFT JOIN (
  SELECT Patent_or_Publication_ID AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_cancer.publications`
  GROUP BY 1
) AS second ON first.Patent_or_Publication_ID = second.second_column
```

joins from `patents-public-data:uspto_oce_cancer.publications::Patent_or_Publication_ID` on **OCE Cancer id** (100.00%, 269,353 rows)

publication_number

joins to `patents-public-data:patents.publications::publication_number` on **publication_number** (99.97%, 269,168 rows)

Key	Percent	Rows	Sample values
all	99.97%	269,168	['US-2012251489-A1', 'US-8119742-B2', 'US-5651970-A', 'US-2015259313-A1', 'US-2007027408-A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_cancer.match`AS first
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from `patents-public-data:patents.publications::publication_number` on **publication_number** (0.27%, 269,168 rows)

---

patents-public-data:uspto_oce_cancer.publications

USPTO Cancer Moonshot Patent Data was generated using USPTO examiner tools to execute a series of queries designed to identify cancer-specific patents and patent applications. This includes drugs, diagnostics, cell lines, mouse models, radiation-based devices, surgical devices, image analytics, data analytics, and genomic-based inventions.

"USPTO Cancer Moonshot Patent Data" by the USPTO, for public use. Frumkin, Jesse and Myers, Amanda F., Cancer Moonshot Patent Data (August, 2016).

Stat	Value
Last updated	2017-10-12
Rows	269,353
Size	91.6 MB

Schema

View in BigQuery

- `Family_ID STRING` joins on **family_id**
- `Patent_or_Publication_ID STRING` joins on **OCE Cancer id**

- Application_Number STRING

- Filing_Date STRING

- Grant_or_Publication_Date STRING

- CPC_Inventive STRING

- CPC_Additional STRING

- IPC_Primary STRING

- IPC_Secondary STRING

- USPC_Current_Original STRING

- USPC_Current_Cross_Reference STRING

- Patent_Title STRING

- Drugs_and_Chemistry STRING

- Diagnostic_and_Surgical_Devices STRING

- Radiation_Measurement STRING

- Data_Science STRING

- Food_and_Nutrition STRING

- Model_Systems_and_Animals STRING

- Cells_and_Enzymes STRING

- Other_and_Preclassification STRING

- DNA_RNA_or_Protein_Sequence STRING

- NIH_Federal_Grant_Number STRING

- NIH_Grant_Recipient_Organization STRING

- FDA_Application_Number STRING

- FDA_Drug_Trade_Name STRING

- FDA_Approval_Date STRING

- FDA_Applicant STRING

- FDA_Ingredient STRING

- TBD STRING

Join columns

Family_ID

joins to `patents-public-data:patents.publications::family_id` on **family_id** (99.05%, 266,792 rows)

Key	Percent	Rows	Sample values
all	99.05%	266,792	['38668948', '50101625', '27559695', '38801492', '27606978']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.Family_ID IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_cancer.publications`AS first
LEFT JOIN (
  SELECT family_id AS second_column, COUNT(*) AS cnt
```

```
FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.Family_ID = second.second_column
```

joins from `patents-public-data:patents.publications::family_id` on **family__id** (1.07%, 1,047,661 rows)

Patent__or__Publication__ID

joins to `patents-public-data:uspto_oce_cancer.match::Patent_or_Publication_ID` on **OCE Cancer id** (100.00%, 269,353 rows)

Key	Percent	Rows	Sample values
all	100.00%	269,353	['US 8012966 B2', 'US 20160214964 A1', 'US 8632592 B2', 'US 5620971 A', 'US 20120028245 A1']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.Patent_or_Publication_ID IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_cancer.publications`AS first
LEFT JOIN (
  SELECT Patent_or_Publication_ID AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_cancer.match`
  GROUP BY 1
) AS second ON first.Patent_or_Publication_ID = second.second_column
```

joins from `patents-public-data:uspto_oce_cancer.match::Patent_or_Publication_ID` on **OCE Cancer id** (100.00%, 269,244 rows)

---

patents-public-data:uspto__oce__claims.match

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-23
Rows	8,955,275
Size	258.6 MB

Schema

View in BigQuery

- `pub_no` STRING NULLABLE joins on **OCE Claims pub__no**
- `pat_no` STRING NULLABLE joins on **OCE Claims pat__no**
- `publication_number` STRING NULLABLE joins on **publication__number**

Join columns

pub_no

joins to patents-public-data:uspto_oce_claims.pgpub_document_stats::pub_no on **OCE Claims pub_no** (44.68%, 4,000,952 rows)

Key	Percent	Rows	Sample values
all	44.68%	4,000,952	['20140308265', '', '', '', '20070094868']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pub_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_claims.match`AS first
LEFT JOIN (
  SELECT pub_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_claims.pgpub_document_stats`
  GROUP BY 1
) AS second ON first.pub_no = second.second_column
```

joins from patents-public-data:uspto_oce_claims.pgpub_document_stats::pub_no on **OCE Claims pub_no** (100.00%, 4,000,952 rows)

pat_no

joins to patents-public-data:uspto_oce_claims.patent_document_stats::pat_no on **OCE Claims pat_no** (55.32%, 4,954,323 rows)

Key	Percent	Rows	Sample values
all	55.32%	4,954,323	['', '', '7402901', '', '8254196']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pat_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_claims.match`AS first
LEFT JOIN (
  SELECT pat_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_claims.patent_document_stats`
  GROUP BY 1
) AS second ON first.pat_no = second.second_column
```

joins from patents-public-data:uspto_oce_claims.patent_document_stats::pat_no on **OCE Claims pat_no** (100.00%, 4,954,323 rows)

publication_number

joins to patents-public-data:patents.publications::publication_number on **publication_number** (99.95%, 8,950,539 rows)

Key	Percent	Rows	Sample values
all	99.95%	8,950,539	['US-8653613-B2', 'US-2013140755-A1', 'US-8788397-B2', 'US-6076732-A', 'US-5562220-A']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.publication_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_claims.match`AS first
LEFT JOIN (
  SELECT publication_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.publication_number = second.second_column
```

joins from `patents-public-data:patents.publications`::publication_number on **publication_number** (9.12%, 8,950,539 rows)

---

patents-public-data:uspto_oce_claims.match_2014

Old table version 2014, schema skipped.

---

patents-public-data:uspto_oce_claims.patent_claims_fulltext

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-12
Rows	75,955,411
Size	31.6 GB

Schema

View in BigQuery

- `pat_no` STRING
- `claim_no` STRING
- `claim_txt` STRING
- `dependencies` STRING
- `ind_flg` STRING
- `appl_id` STRING

---

patents-public-data:uspto_oce_claims.patent_claims_fulltext_2014

Old table version 2014, schema skipped.

---

patents-public-data:uspto__oce__claims.patent__claims__stats

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-12
Rows	75,930,664
Size	3.3 GB

Schema

View in BigQuery

- `pat_no` STRING
- `claim_no` STRING
- `word_ct` STRING
- `char_ct` STRING
- `or_ct` STRING
- `sf_ct` STRING
- `cns_ct` STRING
- `ind_flg` STRING
- `appl_id` STRING

---

patents-public-data:uspto__oce__claims.patent__claims__stats__2014

Old table version 2014, schema skipped.

---

patents-public-data:uspto__oce__claims.patent__document__stats

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-12
Rows	4,954,323
Size	285.3 MB

Schema

View in BigQuery

- `pat_no` STRING joins on **OCE Claims pat__no**

- `pat_clm_ct` STRING

- `pat_wrd_ct` STRING

- `pat_wrd_min` STRING

- `pat_dep_clm_ct` STRING

- `pat_dep_wrd_ct` STRING

- `pat_dep_wrd_min` STRING

- `pat_wrd_avg` STRING

- `pat_dep_wrd_avg` STRING

- `appl_id` STRING

Join columns

pat__no

joins to `patents-public-data:uspto_oce_claims.match::pat_no` on **OCE Claims pat__no** (100.00%, 4,954,323 rows)

Key	Percent	Rows	Sample values
`all`	100.00%	4,954,323	`['6891490', '6207374', '5372498', '7749500', '6389585']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pat_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_claims.patent_document_stats`AS first
LEFT JOIN (
  SELECT pat_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_claims.match`
  GROUP BY 1
) AS second ON first.pat_no = second.second_column
```

joins from `patents-public-data:uspto_oce_claims.match::pat_no` on **OCE Claims pat__no** (55.32%, 4,954,323 rows)

———————————————————————

patents-public-data:uspto__oce__claims.patent__document__stats__2014

Old table version 2014, schema skipped.

———————————————————————

patents-public-data:uspto__oce__claims.pgpub__claims__fulltext

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-12
Rows	82,017,562
Size	28.3 GB

Schema

View in BigQuery

- `pub_no` STRING

- `appl_id` STRING

- `claim_no` STRING

- `claim_txt` STRING

- `dependencies` STRING

- `ind_flg` STRING

---

patents-public-data:uspto__oce__claims.pgpub__claims__fulltext__2014

Old table version 2014, schema skipped.

---

patents-public-data:uspto__oce__claims.pgpub__document__stats

USPTO OCE Patent Claims Research data contains detailed information on claims from U.S. patents granted between 1976 and 2014 and U.S. patent applications published between 2001 and 2014.

"USPTO OCE Patent Claims Research Data" by the USPTO, for public use. Marco, Alan C. and Sarnoff, Joshua D. and deGrazia, Charles, "Patent Claims and Patent Scope" (October 2016). USPTO Economic Working Paper 2016-04.

Stat	Value
Last updated	2017-10-12
Rows	4,000,990
Size	251.5 MB

Schema

View in BigQuery

- `pub_no` STRING joins on **OCE Claims pub__no**

- `appl_id` STRING

- `pub_clm_ct` STRING

- `pub_wrd_ct` STRING

- `pub_wrd_min` STRING

- `pub_dep_clm_ct` STRING

- `pub_dep_wrd_ct` STRING

- `pub_dep_wrd_min` STRING

- `pub_wrd_avg` STRING

- `pub_dep_wrd_avg` STRING

Join columns

pub_no

joins to `patents-public-data:uspto_oce_claims.match::pub_no` on **OCE Claims pub_no** (100.00%, 4,000,952 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,000,952	['20120150695', '20140178863', '20090313741', '20130288400', '20020065150']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.pub_no IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_claims.pgpub_document_stats`AS first
LEFT JOIN (
  SELECT pub_no AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_claims.match`
  GROUP BY 1
) AS second ON first.pub_no = second.second_column
```

joins from `patents-public-data:uspto_oce_claims.match::pub_no` on **OCE Claims pub_no** (44.68%, 4,000,952 rows)

---

patents-public-data:uspto_oce_claims.pgpub_document_stats_2014

Old table version 2014, schema skipped.

---

patents-public-data:uspto_oce_litigation.attorneys

USPTO OCE Patent Litigation Docket Reports Data contains detailed patent litigation data on 74,623 unique district court cases filed during the period 1963-2015.

"USPTO OCE Patent Litigation Docket Reports Data" by the USPTO, for public use. Marco, A., A. Tesfayesus, A. Toole (2017). "Patent Litigation Data from US District Court Electronic Records (1963-2015)." USPTO Economic Working Paper No. 2017-06.

Stat	Value
Last updated	2017-10-12
Rows	1,223,417
Size	214.4 MB

Schema

View in BigQuery

- `case_row_id` STRING
- `case_number` STRING
- `party_row_count` STRING
- `party_type` STRING
- `attorney_row_count` STRING
- `name` STRING
- `contactinfo` STRING
- `position` STRING

---

patents-public-data:uspto__oce__litigation.attorneys__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__litigation.cases

USPTO OCE Patent Litigation Docket Reports Data contains detailed patent litigation data on 74,623 unique district court cases filed during the period 1963-2015.

"USPTO OCE Patent Litigation Docket Reports Data" by the USPTO, for public use. Marco, A., A. Tesfayesus, A. Toole (2017). "Patent Litigation Data from US District Court Electronic Records (1963-2015)." USPTO Economic Working Paper No. 2017-06.

Stat	Value
Last updated	2017-10-12
Rows	74,629
Size	17.7 MB

Schema

View in BigQuery

- `case_row_id` STRING
- `case_number` STRING
- `pacer_id` STRING
- `case_name` STRING
- `court_name` STRING
- `assigned_to` STRING
- `referred_to` STRING
- `case_cause` STRING
- `jurisdictional_basis` STRING
- `demand` STRING

- `jury_demand` STRING

- `lead_case` STRING

- `related_case` STRING

- `settlement` STRING

- `date_filed` STRING

- `date_closed` STRING

- `date_last_filed` STRING

---

patents-public-data:uspto__oce__litigation.cases__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__litigation.documents

USPTO OCE Patent Litigation Docket Reports Data contains detailed patent litigation data on 74,623 unique district court cases filed during the period 1963-2015.

"USPTO OCE Patent Litigation Docket Reports Data" by the USPTO, for public use. Marco, A., A. Tesfayesus, A. Toole (2017). "Patent Litigation Data from US District Court Electronic Records (1963-2015)." USPTO Economic Working Paper No. 2017-06.

Stat	Value
Last updated	2017-10-12
Rows	5,186,344
Size	1.4 GB

Schema

View in BigQuery

- `case_row_id` STRING

- `case_number` STRING

- `doc_count` STRING

- `attachment` STRING

- `date_filed` STRING

- `long_description` STRING

- `doc_number` STRING

- `short_description` STRING

- `upload_date` STRING

---

patents-public-data:uspto__oce__litigation.documents__2015

Old table version 2015, schema skipped.

patents-public-data:uspto__oce__litigation.names

USPTO OCE Patent Litigation Docket Reports Data contains detailed patent litigation data on 74,623 unique district court cases filed during the period 1963-2015.

"USPTO OCE Patent Litigation Docket Reports Data" by the USPTO, for public use. Marco, A., A. Tesfayesus, A. Toole (2017). "Patent Litigation Data from US District Court Electronic Records (1963-2015)." USPTO Economic Working Paper No. 2017-06.

Stat	Value
Last updated	2017-10-12
Rows	561,017
Size	44.9 MB

Schema

View in BigQuery

- `case_row_id` STRING
- `case_number` STRING
- `party_row_count` STRING
- `party_type` STRING
- `name_row_count` STRING
- `name` STRING

---

patents-public-data:uspto__oce__litigation.names__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__litigation.pacer__cases

USPTO OCE Patent Litigation Docket Reports Data contains detailed patent litigation data on 74,623 unique district court cases filed during the period 1963-2015.

"USPTO OCE Patent Litigation Docket Reports Data" by the USPTO, for public use. Marco, A., A. Tesfayesus, A. Toole (2017). "Patent Litigation Data from US District Court Electronic Records (1963-2015)." USPTO Economic Working Paper No. 2017-06.

Stat	Value
Last updated	2017-10-12
Rows	74,953
Size	9.9 MB

Schema

View in BigQuery

- `case_name` STRING

- `court_code` STRING

- `court_name` STRING

- `date_closed` STRING

- `case_number` STRING

- `pacer_id` STRING

- `date_filed` STRING

---

patents-public-data:uspto__oce__litigation.pacer__cases__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__office__actions.citations

The Office Action Research Dataset for Patents contains detailed information derived from the Office actions issued by patent examiners to applicants during the patent examination process. The "Office action" is a written notification to the applicant of the examiner's decision on patentability and generally discloses the grounds for a rejection, the claims affected, and the pertinent prior art. This initial release consists of three files derived from 4.4 million Office actions mailed during the 2008 to mid-2017 period from USPTO examiners to the applicants of 2.2 million unique patent applications.

A working paper describing this dataset is available and can be cited as Lu, Qiang and Myers, Amanda F. and Beliveau, Scott, USPTO Patent Prosecution Research Data: Unlocking Office Action Traits (November 20, 2017). USPTO Economic Working Paper No. 2017-10. Available at SSRN: https://ssrn.com/abstract=3024621 (link is external).

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Stat	Value
Last updated	2017-12-06
Rows	58,862,278
Size	2.7 GB

Schema

View in BigQuery

- `app_id` STRING joins on **OCE OA app_id**

- `citation_pat_pgpub_id` STRING

- `parsed` STRING joins on **OCE OA pub_id**

- `ifw_number` STRING

- `action_type` STRING

- `action_subtype` STRING

- `form892` STRING

- `form1449` STRING

- citation_in_oa STRING

Join columns

app_id

joins to `patents-public-data:uspto_oce_office_actions.match_app::app_id` on **OCE OA app_id** (99.46%, 58,545,451 rows)

Key	Percent	Rows	Sample values
all	99.46%	58,545,451	['13979608', '13923133', '12729490', '13635105', '14218464']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.citations`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.match_app`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to `patents-public-data:uspto_oce_office_actions.office_actions::app_id` on **OCE OA app_id** (99.46%, 58,545,451 rows)

Key	Percent	Rows	Sample values
all	99.46%	58,545,451	['12519016', '13039028', '14686893', '14662712', '12880949']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.citations`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.office_actions`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to `patents-public-data:uspto_oce_office_actions.rejections::app_id` on **OCE OA app_id** (99.46%, 58,545,451 rows)

Key	Percent	Rows	Sample values
all	99.46%	58,545,451	['13400829', '14617574', '14477628', '12360738', '13174542']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.citations`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
```

```
FROM `patents-public-data.uspto_oce_office_actions.rejections`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins from `patents-public-data:uspto_oce_office_actions.match_app::app_id` on **OCE OA app_id** (98.55%, 2,156,513 rows)

joins from `patents-public-data:uspto_oce_office_actions.office_actions::app_id` on **OCE OA app_id** (99.03%, 4,342,080 rows)

joins from `patents-public-data:uspto_oce_office_actions.rejections::app_id` on **OCE OA app_id** (99.04%, 10,036,303 rows)

parsed

joins to `patents-public-data:uspto_oce_office_actions.match_pub::parsed` on **OCE OA pub_id** (99.35%, 58,477,933 rows)

Key	Percent	Rows	Sample values
all	99.35%	58,477,933	['20110059422', '20030055619', '20020065907', '7659971', '20120041673']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.parsed IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.citations`AS first
LEFT JOIN (
  SELECT parsed AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.match_pub`
  GROUP BY 1
) AS second ON first.parsed = second.second_column
```

joins from `patents-public-data:uspto_oce_office_actions.match_pub::parsed` on **OCE OA pub_id** (100.00%, 7,547,458 rows)

---

patents-public-data:uspto_oce_office_actions.match_app

The Office Action Research Dataset for Patents contains detailed information derived from the Office actions issued by patent examiners to applicants during the patent examination process. The "Office action" is a written notification to the applicant of the examiner's decision on patentability and generally discloses the grounds for a rejection, the claims affected, and the pertinent prior art. This initial release consists of three files derived from 4.4 million Office actions mailed during the 2008 to mid-2017 period from USPTO examiners to the applicants of 2.2 million unique patent applications.

A working paper describing this dataset is available and can be cited as Lu, Qiang and Myers, Amanda F. and Beliveau, Scott, USPTO Patent Prosecution Research Data: Unlocking Office Action Traits (November 20, 2017). USPTO Economic Working Paper No. 2017-10. Available at SSRN: https://ssrn.com/abstract=3024621 (link is external).

This effort is made possible by the USPTO Digital Services & Big Data portfolio and collaboration with the USPTO Office of the Chief Economist (OCE). The OCE provides these data files for public use and encourages users to identify fixes and improvements. Please provide all feedback to: EconomicsData@uspto.gov.

Stat	Value
Last updated	2017-12-06
Rows	2,188,195

Stat	Value
Size	60.4 MB

Schema

View in BigQuery

- `app_id` STRING NULLABLE joins on **OCE OA app_id**

- `application_number` STRING NULLABLE joins on **application_number**

Join columns

app_id

joins to `patents-public-data:uspto_oce_office_actions.citations::app_id` on **OCE OA app_id** (98.55%, 2,156,513 rows)

Key	Percent	Rows	Sample values
all	98.55%	2,156,513	['13586532', '13690256', '12432671', '13944913', '13414382']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.match_app`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.citations`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to `patents-public-data:uspto_oce_office_actions.office_actions::app_id` on **OCE OA app_id** (100.00%, 2,188,195 rows)

Key	Percent	Rows	Sample values
all	100.00%	2,188,195	['13668165', '13265829', '14520062', '14800161', '14894592']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.match_app`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.office_actions`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to `patents-public-data:uspto_oce_office_actions.rejections::app_id` on **OCE OA app_id** (100.00%, 2,188,195 rows)

Key	Percent	Rows	Sample values
all	100.00%	2,188,195	['14224520', '13876889', '13570477', '14099771', '13793838']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.match_app`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.rejections`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins from `patents-public-data:uspto_oce_office_actions.citations::app_id` on **OCE OA app__id** (99.46%, 58,545,451 rows)

joins from `patents-public-data:uspto_oce_office_actions.office_actions::app_id` on **OCE OA app__id** (100.00%, 4,384,532 rows)

joins from `patents-public-data:uspto_oce_office_actions.rejections::app_id` on **OCE OA app__id** (100.00%, 10,133,179 rows)

application__number

joins to `patents-public-data:patents.publications::application_number` on **application__number** (99.80%, 2,183,770 rows)

Key	Percent	Rows	Sample values
all	99.80%	2,183,770	['US-201414579396-A', 'US-47277609-A', 'US-201213534241-A', 'US-5834908-A', 'US-201314044354-A']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.match_app`AS first
LEFT JOIN (
  SELECT application_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.application_number = second.second_column
```

joins from `patents-public-data:patents.publications::application_number` on **application__number** (3.62%, 3,555,089 rows)

---

patents-public-data:uspto__oce__office__actions.match__pub

The Office Action Research Dataset for Patents contains detailed information derived from the Office actions issued by patent examiners to applicants during the patent examination process. The "Office action" is a written notification to the applicant of the examiner's decision on patentability and generally discloses the grounds for a rejection, the claims affected, and the pertinent prior art. This initial release consists of three files derived from 4.4 million Office actions mailed during the 2008 to mid-2017 period from USPTO examiners to the applicants of 2.2 million unique patent applications.

A working paper describing this dataset is available and can be cited as Lu, Qiang and Myers, Amanda F. and Beliveau, Scott, USPTO Patent Prosecution Research Data: Unlocking Office Action Traits (November 20, 2017). USPTO Economic Working Paper No. 2017-10. Available at SSRN: https://ssrn.com/abstract=3024621 (link is external).

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Stat	Value
Last updated	2017-12-06
Rows	7,547,458
Size	197.0 MB

Schema

View in BigQuery

- `parsed` STRING NULLABLE joins on **OCE OA pub__id**

- `publication_number` STRING NULLABLE

Join columns

parsed

joins to `patents-public-data:uspto_oce_office_actions.citations::parsed` on **OCE OA pub__id** (100.00%, 7,547,458 rows)

Key	Percent	Rows	Sample values
all	100.00%	7,547,458	['3727953', '6533845', '2875312', '8118645', '8449785']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.parsed IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.match_pub`AS first
LEFT JOIN (
  SELECT parsed AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.citations`
  GROUP BY 1
) AS second ON first.parsed = second.second_column
```

joins from `patents-public-data:uspto_oce_office_actions.citations::parsed` on **OCE OA pub__id** (99.35%, 58,477,933 rows)

---

patents-public-data:uspto__oce__office__actions.office__actions

The Office Action Research Dataset for Patents contains detailed information derived from the Office actions issued by patent examiners to applicants during the patent examination process. The "Office action" is a written notification to the applicant of the examiner's decision on patentability and generally discloses the grounds for a rejection, the claims affected, and the pertinent prior art. This initial release consists of three files derived from 4.4 million Office actions mailed during the 2008 to mid-2017 period from USPTO examiners to the applicants of 2.2 million unique patent applications.

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Stat	Value
Last updated	2017-12-06
Rows	4,384,532
Size	490.4 MB

Schema

View in BigQuery

- `app_id` STRING joins on **OCE OA app_id**

- `ifw_number` STRING

- `document_cd` STRING

- `mail_dt` STRING

- `art_unit` STRING

- `uspc_class` STRING

- `uspc_subclass` STRING

- `header_missing` STRING

- `fp_missing` STRING

- `rejection_fp_mismatch` STRING

- `closing_missing` STRING

- `rejection_101` STRING

- `rejection_102` STRING

- `rejection_103` STRING

- `rejection_112` STRING

- `rejection_dp` STRING

- `objection` STRING

- `allowed_claims` STRING

- `cite102_gt1` STRING

- `cite103_gt3` STRING

- `cite103_eq1` STRING

- `cite103_max` STRING

- `signature_type` STRING

Join columns

app_id

joins to `patents-public-data:uspto_oce_office_actions.match_app::app_id` on **OCE OA app_id** (100.00%, 4,384,532 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,384,532	['12136988', '13827446', '12438429', '13288647', '14801848']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.office_actions`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.match_app`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to patents-public-data:uspto_oce_office_actions.citations::app_id on **OCE OA app_id** (99.03%, 4,342,080 rows)

Key	Percent	Rows	Sample values
all	99.03%	4,342,080	['12091669', '14475290', '14274413', '12777261', '13974079']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.office_actions`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.citations`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to patents-public-data:uspto_oce_office_actions.rejections::app_id on **OCE OA app_id** (100.00%, 4,384,532 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,384,532	['12683218', '14899516', '14426381', '13426526', '12576050']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.office_actions`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.rejections`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins from patents-public-data:uspto_oce_office_actions.match_app::app_id on **OCE OA app_id** (100.00%, 2,188,195 rows)

joins from patents-public-data:uspto_oce_office_actions.citations::app_id on **OCE OA app_id** (99.46%, 58,545,451 rows)

joins from patents-public-data:uspto_oce_office_actions.rejections::app_id on **OCE OA app_id** (100.00%, 10,133,179 rows)

---

patents-public-data:uspto_oce_office_actions.rejections

The Office Action Research Dataset for Patents contains detailed information derived from the Office actions issued by patent examiners to applicants during the patent examination process. The "Office action" is a written notification to the applicant of the examiner's decision on patentability and generally discloses the grounds for a rejection, the claims affected, and the pertinent prior art. This initial release consists of three files derived from 4.4 million Office actions mailed during the 2008 to mid-2017 period from USPTO examiners to the applicants of 2.2 million unique patent applications.

A working paper describing this dataset is available and can be cited as Lu, Qiang and Myers, Amanda F. and Beliveau, Scott, USPTO Patent Prosecution Research Data: Unlocking Office Action Traits (November 20, 2017). USPTO Economic Working Paper No. 2017-10. Available at SSRN: https://ssrn.com/abstract=3024621 (link is external).

This effort is made possible by the USPTO Digital Services & Big Data portfolio and collaboration with the USPTO Office of the Chief Economist (OCE). The OCE provides these data files for public use and encourages users to identify fixes and improvements. Please provide all feedback to: EconomicsData@uspto.gov.

Stat	Value
Last updated	2017-12-06
Rows	10,133,179
Size	763.2 MB

Schema

View in BigQuery

- `app_id` STRING joins on **OCE OA app_id**

- `ifw_number` STRING

- `action_type` STRING

- `action_subtype` STRING

- `claim_numbers` STRING

- `alice_in` STRING

- `bilski_in` STRING

- `mayo_in` STRING

- `myriad_in` STRING

Join columns

app_id

joins to `patents-public-data:uspto_oce_office_actions.match_app::app_id` on **OCE OA app_id** (100.00%, 10,133,179 rows)

Key	Percent	Rows	Sample values
all	100.00%	10,133,179	['13905975', '12151211', '12661909', '15015613', '12123920']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.rejections`AS first
```

```
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.match_app`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to patents-public-data:uspto_oce_office_actions.citations::app_id on **OCE OA app_id** (99.04%, 10,036,303 rows)

Key	Percent	Rows	Sample values
all	99.04%	10,036,303	['12765824', '12507639', '13290107', '13686749', '14797829']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.rejections`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.citations`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins to patents-public-data:uspto_oce_office_actions.office_actions::app_id on **OCE OA app_id** (100.00%, 10,133,179 rows)

Key	Percent	Rows	Sample values
all	100.00%	10,133,179	['13603783', '14178681', '12469121', '14187472', '13531058']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.app_id IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_office_actions.rejections`AS first
LEFT JOIN (
  SELECT app_id AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_office_actions.office_actions`
  GROUP BY 1
) AS second ON first.app_id = second.second_column
```

joins from patents-public-data:uspto_oce_office_actions.match_app::app_id on **OCE OA app_id** (100.00%, 2,188,195 rows)

joins from patents-public-data:uspto_oce_office_actions.citations::app_id on **OCE OA app_id** (99.46%, 58,545,451 rows)

joins from patents-public-data:uspto_oce_office_actions.office_actions::app_id on **OCE OA app_id** (100.00%, 4,384,532 rows)

---

patents-public-data:uspto_oce_pair.all_inventors

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	26,673,121
Size	1.5 GB

Schema

View in BigQuery

- `application_number` STRING
- `inventor_name_first` STRING
- `inventor_name_middle` STRING
- `inventor_name_last` STRING
- `inventor_rank` STRING
- `inventor_region_code` STRING
- `inventor_country_code` STRING
- `inventor_country_name` STRING
- `inventor_address_type` STRING

---

patents-public-data:uspto__oce__pair.all__inventors__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__pair.application__data

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	9,817,693
Size	2.3 GB

Schema

View in BigQuery

- `application_number` STRING joins on **OCE PAIR app__num**
- `filing_date` STRING

- invention_subject_matter STRING

- application_type STRING

- examiner_name_last STRING

- examiner_name_first STRING

- examiner_name_middle STRING

- examiner_id STRING

- examiner_art_unit STRING

- uspc_class STRING

- uspc_subclass STRING

- confirm_number STRING

- customer_number STRING

- atty_docket_number STRING

- appl_status_code STRING

- appl_status_date STRING

- file_location STRING

- file_location_date STRING

- earliest_pgpub_number STRING

- earliest_pgpub_date STRING

- wipo_pub_number STRING

- wipo_pub_date STRING

- patent_number STRING

- patent_issue_date STRING

- abandon_date STRING

- disposal_type STRING

- invention_title STRING

- small_entity_indicator STRING

- aia_first_to_file STRING

Join columns

application_number

joins to `patents-public-data:uspto_oce_pair.match::application_number_pair` on **OCE PAIR app_num** (85.95%, 8,438,063 rows)

Key	Percent	Rows	Sample values
all	85.95%	8,438,063	['07955102', '14143090', '13785658', '12429026', '08908593']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_pair.application_data`AS first
LEFT JOIN (
```

```
  SELECT application_number_pair AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_pair.match`
  GROUP BY 1
) AS second ON first.application_number = second.second_column
```

joins from `patents-public-data:uspto_oce_pair.match::application_number_pair` on **OCE PAIR app_num** (100.00%, 8,438,063 rows)

---

patents-public-data:uspto_oce_pair.application_data_2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto_oce_pair.continuity_children

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	5,580,744
Size	213.1 MB

Schema

View in BigQuery

- `application_number` STRING
- `child_application_number` STRING
- `child_filing_date` STRING
- `continuation_type` STRING

---

patents-public-data:uspto_oce_pair.continuity_children_2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto_oce_pair.continuity_parents

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	6,618,673
Size	259.6 MB

Schema

View in BigQuery

- `application_number` STRING

- `parent_application_number` STRING

- `parent_filing_date` STRING

- `continuation_type` STRING

---

patents-public-data:uspto_oce_pair.continuity_parents_2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto_oce_pair.correspondence_address

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	9,306,818
Size	1.1 GB

Schema

View in BigQuery

- `application_number` STRING

- `correspondence_name_line_1` STRING

- `correspondence_name_line_2` STRING

- `correspondence_street_line_1` STRING

- `correspondence_street_line_2` STRING

- `correspondence_city` STRING

- `correspondence_postal_code` STRING

- `correspondence_region_code` STRING

- `correspondence_region_name` STRING

- `correspondence_country_code` STRING

- `correspondence_country_name` STRING

- `customer_number` STRING

---

patents-public-data:uspto__oce__pair.correspondence__address__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__pair.event__codes

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	1,983
Size	88.2 kB

Schema

View in BigQuery

- `event_code` STRING

- `event_description` STRING

---

patents-public-data:uspto__oce__pair.event__codes__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__pair.foreign__priority

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	4,001,307
Size	199.3 MB

Schema

View in BigQuery

- `application_number` STRING

- `foreign_parent_id` STRING

- `foreign_parent_date` STRING

- `parent_country_code` STRING

- `parent_country` STRING

---

patents-public-data:uspto_oce_pair.foreign_priority_2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto_oce_pair.match

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-23
Rows	8,438,063
Size	223.1 MB

Schema

View in BigQuery

- `application_number_pair` STRING NULLABLE joins on **OCE PAIR app_num**

- `application_number` STRING NULLABLE joins on **application_number**

Join columns

application_number_pair

joins to `patents-public-data:uspto_oce_pair.application_data::application_number` on **OCE PAIR app_num** (100.00%, 8,438,063 rows)

Key	Percent	Rows	Sample values
all	100.00%	8,438,063	['09337997', '11113306', 'PCT/US01/04923', '09403019', 'PCT/US10/38796']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number_pair IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_pair.match`AS first
LEFT JOIN (
  SELECT application_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_oce_pair.application_data`
  GROUP BY 1
) AS second ON first.application_number_pair = second.second_column
```

joins from patents-public-data:uspto_oce_pair.application_data::application_number on **OCE PAIR app__num** (85.95%, 8,438,063 rows)

application_number

joins to patents-public-data:patents.publications::application_number on **application__number** (100.00%, 8,437,907 rows)

Key	Percent	Rows	Sample values
all	100.00%	8,437,907	['US-2005029746-W', 'US-201514622664-A', 'US-201113810864-A', 'US-78529204-A', 'US-76099910-A']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_oce_pair.match`AS first
LEFT JOIN (
  SELECT application_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.application_number = second.second_column
```

joins from patents-public-data:patents.publications::application_number on **application__number** (11.95%, 11,727,859 rows)

----

patents-public-data:uspto__oce__pair.match__2015

Old table version 2015, schema skipped.

----

patents-public-data:uspto__oce__pair.status__codes

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	233
Size	11.7 kB

Schema

View in BigQuery

- `appl_status_code` STRING
- `status_description` STRING

---

patents-public-data:uspto__oce__pair.status__codes__2015

Old table version 2015, schema skipped.

---

patents-public-data:uspto__oce__pair.transactions

USPTO Patent Examination Research Data (PatEx) contains detailed information on millions of publicly viewable patent applications filed with the USPTO. The data are sourced from the Public Patent Application Information Retrieval system (Public PAIR).

"USPTO Patent Examination Research Dataset" by the USPTO, for public use. Graham, S. Marco, A., and Miller, A. (2015). "The USPTO Patent Examination Research Dataset: A Window on the Process of Patent Examination."

Stat	Value
Last updated	2017-10-12
Rows	306,492,155
Size	10.4 GB

Schema

View in BigQuery

- `application_number` STRING
- `event_code` STRING
- `recorded_date` STRING
- `sequence_number` STRING
- `status_code` STRING

---

patents-public-data:uspto_oce_pair.transactions_2015

Old table version 2015, schema skipped.

————————————————————————————————

patents-public-data:uspto_peds.applications

USPTO Patent Examiner Data System (PEDS) API Data contains data from the examination process of USPTO patent applications. PEDS contains the bibliographic, published document and patent term extension data tabs in Public PAIR from 1981 to present. There is also some data dating back to 1935.

"Patent Examination Data System" by the USPTO, for public use.

Stat	Value
Last updated	2017-10-12
Rows	13,179,987
Size	21.3 GB

Schema

View in BigQuery

- `patentCaseMetadata` RECORD NULLABLE
- `patentCaseMetadata.applicantFileReference` STRING NULLABLE
- `patentCaseMetadata.applicationConfirmationNumber` STRING NULLABLE
- `patentCaseMetadata.applicationNumberText` RECORD NULLABLE
- `patentCaseMetadata.applicationNumberText.electronicText` STRING NULLABLE joins on **PEDS app_num**
- `patentCaseMetadata.applicationNumberText.value` STRING NULLABLE
- `patentCaseMetadata.applicationStatusCategory` STRING NULLABLE
- `patentCaseMetadata.applicationStatusDate` STRING NULLABLE
- `patentCaseMetadata.applicationTypeCategory` STRING NULLABLE
- `patentCaseMetadata.businessEntityStatusCategory` STRING NULLABLE
- `patentCaseMetadata.filingDate` STRING NULLABLE
- `patentCaseMetadata.firstInventorToFileIndicator` BOOLEAN NULLABLE
- `patentCaseMetadata.groupArtUnitNumber` RECORD NULLABLE
- `patentCaseMetadata.groupArtUnitNumber.electronicText` STRING NULLABLE
- `patentCaseMetadata.groupArtUnitNumber.value` STRING NULLABLE
- `patentCaseMetadata.hagueAgreementData` RECORD NULLABLE
- `patentCaseMetadata.hagueAgreementData.internationalFilingDate` STRING NULLABLE
- `patentCaseMetadata.hagueAgreementData.internationalRegistrationNumber` STRING NULLABLE
- `patentCaseMetadata.inventionTitle` RECORD NULLABLE
- `patentCaseMetadata.inventionTitle.content` STRING REPEATED
- `patentCaseMetadata.officialFileLocationCategory` STRING NULLABLE
- `patentCaseMetadata.officialFileLocationDate` STRING NULLABLE
- `patentCaseMetadata.partyBag` RECORD NULLABLE

- `patentCaseMetadata.partyBag.applicantBagOrInventorBagOrOwnerBag` RECORD REPEATED
- `patentCaseMetadata.partyBag.applicantBagOrInventorBagOrOwnerBag.primaryExaminerOrAssistantExaminerOrAuth` RECORD REPEATED
- `patentCaseMetadata.partyBag.applicantBagOrInventorBagOrOwnerBag.primaryExaminerOrAssistantExaminerOrAuth` RECORD NULLABLE
- `patentCaseMetadata.partyBag.applicantBagOrInventorBagOrOwnerBag.primaryExaminerOrAssistantExaminerOrAuth` RECORD REPEATED
- `patentCaseMetadata.partyBag.applicantBagOrInventorBagOrOwnerBag.primaryExaminerOrAssistantExaminerOrAuth` STRING NULLABLE
- `patentCaseMetadata.patentClassificationBag` RECORD NULLABLE
- `patentCaseMetadata.patentClassificationBag.cpcClassificationBagOrIPCClassificationOrECLAClassificationBa` RECORD REPEATED
- `patentCaseMetadata.patentClassificationBag.cpcClassificationBagOrIPCClassificationOrECLAClassificationBa` RECORD NULLABLE
- `patentCaseMetadata.patentClassificationBag.cpcClassificationBagOrIPCClassificationOrECLAClassificationBa` STRING NULLABLE
- `patentCaseMetadata.patentClassificationBag.cpcClassificationBagOrIPCClassificationOrECLAClassificationBa` STRING NULLABLE
- `patentCaseMetadata.patentGrantIdentification` RECORD NULLABLE
- `patentCaseMetadata.patentGrantIdentification.grantDate` STRING NULLABLE
- `patentCaseMetadata.patentGrantIdentification.patentNumber` STRING NULLABLE
- `patentCaseMetadata.relatedPatentPublicationIdentification` RECORD NULLABLE
- `patentCaseMetadata.relatedPatentPublicationIdentification.publicationDate` STRING NULLABLE
- `patentCaseMetadata.relatedPatentPublicationIdentification.publicationNumber` STRING NULLABLE
- `prosecutionHistoryDataOrPatentTermData` RECORD REPEATED
- `prosecutionHistoryDataOrPatentTermData.caseActionDescriptionText` STRING NULLABLE
- `prosecutionHistoryDataOrPatentTermData.recordedDate` STRING NULLABLE

Join columns

patentCaseMetadata.applicationNumberText.electronicText

joins to `patents-public-data:uspto_peds.match::applicationNumberText` on **PEDS app_num** (69.52%, 9,162,425 rows)

Key	Percent	Rows	Sample values
all	69.52%	9,162,425	['08960693', '12727656', '12054764', '29386609', '08889454']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.patentCaseMetadata.applicationNumberText.electronicText IGNORE NULLS ORDER BY RAND() LIMIT
FROM `patents-public-data.uspto_peds.applications`AS first
LEFT JOIN (
  SELECT applicationNumberText AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_peds.match`
  GROUP BY 1
) AS second ON first.patentCaseMetadata.applicationNumberText.electronicText = second.second_column
```

joins from `patents-public-data:uspto_peds.match::applicationNumberText` on **PEDS app_num** (100.00%, 9,162,425 rows)

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patents-public-data:uspto_peds.applications_201710

Old table version 201710, schema skipped.

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patents-public-data:uspto_peds.match

USPTO Patent Examiner Data System (PEDS) API Data contains data from the examination process of USPTO patent applications. PEDS contains the bibliographic, published document and patent term extension data tabs in Public PAIR from 1981 to present. There is also some data dating back to 1935.

"Patent Examination Data System" by the USPTO, for public use.

Stat	Value
Last updated	2017-10-23
Rows	9,162,425
Size	244.5 MB

Schema

View in BigQuery

- `applicationNumberText` STRING NULLABLE joins on **PEDS app_num**

- `application_number` STRING NULLABLE joins on **application_number**

Join columns

applicationNumberText

joins to `patents-public-data:uspto_peds.applications::patentCaseMetadata.applicationNumberText.electronicText` on **PEDS app_num** (100.00%, 9,162,425 rows)

Key	Percent	Rows	Sample values
all	100.00%	9,162,425	['13434120', '11431563', '15383658', '10086983', '14195460']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.applicationNumberText IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_peds.match`AS first
LEFT JOIN (
  SELECT patentCaseMetadata.applicationNumberText.electronicText AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_peds.applications`
  GROUP BY 1
) AS second ON first.applicationNumberText = second.second_column
```

joins from `patents-public-data:uspto_peds.applications::patentCaseMetadata.applicationNumberText.electronicText` on **PEDS app_num** (69.52%, 9,162,425 rows)

application__number

joins to `patents-public-data:patents.publications::application_number` on **application__number** (100.00%, 9,162,229 rows)

Key	Percent	Rows	Sample values
all	100.00%	9,162,229	['US-81374905-A', 'US-94464801-A', 'US-1568598-A', 'US-201515504234-A', 'US-82286201-A']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_peds.match`AS first
LEFT JOIN (
  SELECT application_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.application_number = second.second_column
```

joins from `patents-public-data:patents.publications::application_number` on **application__number** (13.86%, 13,603,596 rows)

---

patents-public-data:uspto__peds.match__201710

Old table version 201710, schema skipped.

---

patents-public-data:uspto__ptab.match

USPTO Patent Trial and Appeal Board (PTAB) API Data contains data from the PTAB E2E (end-to-end) system making public America Invents Action (AIA) Trials information and documents available.

"USPTO PTAB API" by the USPTO, for public use.

Stat	Value
Last updated	2017-10-23
Rows	4,610
Size	119.9 kB

Schema

View in BigQuery

- `ApplicationNumber` STRING NULLABLE joins on **PTAB app__num**
- `application_number` STRING NULLABLE joins on **application__number**

Join columns

ApplicationNumber

joins to `patents-public-data:uspto_ptab.trials::ApplicationNumber` on **PTAB app__num** (100.00%, 4,610 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,610	['10975409', '13374942', '11971183', '10706513', '10443342']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.ApplicationNumber IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_ptab.match`AS first
LEFT JOIN (
  SELECT ApplicationNumber AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_ptab.trials`
  GROUP BY 1
) AS second ON first.ApplicationNumber = second.second_column
```

joins from `patents-public-data:uspto_ptab.trials::ApplicationNumber` on **PTAB app_num** (99.95%, 7,601 rows)

application_number

joins to `patents-public-data:patents.publications::application_number` on **application_number** (100.00%, 4,610 rows)

Key	Percent	Rows	Sample values
all	100.00%	4,610	['US-201213441092-A', 'US-201213484854-A', 'US-201313750744-A', 'US-39754206-A', 'US-65423707-A']

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.application_number IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `patents-public-data.uspto_ptab.match`AS first
LEFT JOIN (
  SELECT application_number AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.patents.publications`
  GROUP BY 1
) AS second ON first.application_number = second.second_column
```

joins from `patents-public-data:patents.publications::application_number` on **application_number** (0.01%, 7,832 rows)

---

patents-public-data:uspto_ptab.match_201710

Old table version 201710, schema skipped.

---

patents-public-data:uspto_ptab.trials

USPTO Patent Trial and Appeal Board (PTAB) API Data contains data from the PTAB E2E (end-to-end) system making public America Invents Action (AIA) Trials information and documents available.

"USPTO PTAB API" by the USPTO, for public use.

Stat	Value
Last updated	2017-10-11
Rows	7,605
Size	71.7 MB

Schema

View in BigQuery

- `InventorName` STRING NULLABLE
- `PatentOwnerName` STRING NULLABLE
- `LastModifiedDatetime` STRING NULLABLE
- `InstitutionDecisionDate` STRING NULLABLE
- `ProsecutionStatus` STRING NULLABLE
- `AccordedFilingDate` STRING NULLABLE
- `PatentNumber` STRING NULLABLE
- `PetitionerPartyName` STRING NULLABLE
- `TrialNumber` STRING NULLABLE
- `ApplicationNumber` STRING NULLABLE joins on **PTAB app_num**
- `FilingDate` STRING NULLABLE
- `Documents` RECORD REPEATED
- `Documents.SizeInBytes` INTEGER NULLABLE
- `Documents.TrialNumber` STRING NULLABLE
- `Documents.DocumentNumber` STRING NULLABLE
- `Documents.Title` STRING NULLABLE
- `Documents.FilingDatetime` STRING NULLABLE
- `Documents.LastModifiedDatedime` STRING NULLABLE
- `Documents.FilingParty` STRING NULLABLE
- `Documents.MediaType` STRING NULLABLE
- `Documents.Id` INTEGER NULLABLE
- `Documents.Type` STRING NULLABLE

Join columns

ApplicationNumber

joins to `patents-public-data:uspto_ptab.match::ApplicationNumber` on **PTAB app_num** (99.95%, 7,601 rows)

Key	Percent	Rows	Sample values
`all`	99.95%	7,601	`['11712175', '13906645', '09449695', '10510550', '09567013']`

```
#standardSQL
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  ARRAY_AGG(first.ApplicationNumber IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
```

```
FROM `patents-public-data.uspto_ptab.trials`AS first
LEFT JOIN (
  SELECT ApplicationNumber AS second_column, COUNT(*) AS cnt
  FROM `patents-public-data.uspto_ptab.match`
  GROUP BY 1
) AS second ON first.ApplicationNumber = second.second_column
```

joins from `patents-public-data:uspto_ptab.match::ApplicationNumber` on **PTAB app_num** (100.00%, 4,610 rows)

---

patents-public-data:uspto_ptab.trials_201710

Old table version 201710, schema skipped.