

innography-174118:technical_standards.etsi

European Telecommunications Standards Institute (ETSI) IPR dataset for technical standards. These are the US assets disclosed by companies as related to technical standards in ETSI. The two major ones included are 3GPP and LTE.

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Stat	Value
Last updated	2017-07-25
Rows	34,465
Size	1.0 MB

Schema

View in BigQuery

- PublicationNumber STRING REQUIRED joins on **publication_number**
- StandardBody STRING REQUIRED
- TechnicalStandard STRING REQUIRED

Join columns

PublicationNumber

joins to patents-public-data:patents.publications::publication_number on **publication_number** (99.98%, 34,458 rows)

Key	Percent	Rows	Sample values
3GPP, LTE	99.99%	8,381	['US-2009141670-A1', 'US-9673942-B2', 'US-2003185390-A1', 'US-7489672-B2', 'US-8347177-B2']
LTE	99.99%	7,071	['US-2011064120-A1', 'US-2009325504-A1', 'US-2014094175-A1', 'US-6163533-A', 'US-8009661-B2']
3GPP	99.97%	19,006	['US-8594035-B2', 'US-2012014344-A1', 'US-2017012727-A1', 'US-9648048-B2', 'US-2005065801-A1']

#standardSQL

```
SELECT
  COUNT(*) AS cnt,
  COUNT(second.second_column) AS second_cnt,
  first.TechnicalStandard AS grouped,
  ARRAY_AGG(first.PublicationNumber IGNORE NULLS ORDER BY RAND() LIMIT 5) AS sample_value
FROM `innography-174118.technical_standards.etsi` 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.PublicationNumber = second.second_column
GROUP BY 3
```

joins from `patents-public-data:patents.publications::publication_number` on `publication_number` (0.04%,
34,458 rows)