

Staffelter Hof Winery is Germany's oldest business, established in 862 under the Carolingian dynasty. It has continued to serve customers through dramatic changes in Europe, such as the Holy Roman Empire, the Ottoman Empire, and both world wars. What characteristics enable a business to stand the test of time?

To help answer this question, BusinessFinancing.co.uk researched the oldest company still in business in **almost** every country and compiled the results into several CSV files. This dataset has been cleaned.

Having useful information in different files is a common problem. While it's better to keep different types of data separate for data storage, you'll want all the data in one place for analysis. You'll use joining and data manipulation to work with this data and better understand the world's oldest businesses.

The Data

`businesses` and `new_businesses`

Column	Description
<code>business</code>	Name of the business (varchar)
<code>year_founded</code>	Year the business was founded (int)
<code>category_code</code>	Code for the business category (varchar)
<code>country_code</code>	ISO 3166-1 three-letter country code (char)

`countries`

Column	Description
<code>country_code</code>	ISO 3166-1 three-letter country code (varchar)
<code>country</code>	Name of the country (varchar)
<code>continent</code>	Name of the continent the country exists in (varchar)

`categories`

Column	Description
<code>category_code</code>	Code for the business category (varchar)
<code>category</code>	Description of the business category (varchar)

```
-- What is the oldest business on each continent?
```

```
SELECT bc.continent, bc.business, bc.year_founded, bc.country
FROM (
    SELECT business, year_founded, country, continent
    FROM businesses
    JOIN countries USING (country_code)
) bc
JOIN (SELECT continent, MIN(year_founded) AS year_founded
      FROM businesses
      JOIN countries
      USING (country_code)
      GROUP BY continent
) c
ON bc.continent = c.continent AND bc.year_founded = c.year_founded
```

	continent	business	year.
0	Oceania	Australia Post	
1	Europe	St. Peter Stifts Kulinarium	
2	Asia	Kongō Gumi	
3	North America	La Casa de Moneda de México	
4	Africa	Mauritius Post	
5	South America	Casa Nacional de Moneda	

6 rows 

```
-- How many countries per continent lack data on the oldest businesses
```

```
-- Does including the `new_businesses` data change this?
```

```
SELECT c.continent, COUNT(c.country_code) AS countries_without_businesses
FROM countries c
LEFT JOIN (
    SELECT * FROM businesses
    UNION ALL
    SELECT * FROM new_businesses
) b
ON c.country_code = b.country_code
WHERE b.business IS NULL
GROUP BY c.continent;
```

▼	continent	▼	countries_without_businesses
0	Africa		
1	Asia		
2	Europe		
3	North America		
4	Oceania		
5	South America		

6 rows [↓](#)

 Projects Data DataFrame as oldest_by.

```
-- Which business categories are best suited to last over the course of centuries?
SELECT c.continent, cat.category, MIN(b.year_founded) AS year_founded
FROM businesses b
INNER JOIN categories cat ON b.category_code = cat.category_code
INNER JOIN countries c ON b.country_code = c.country_code
GROUP BY c.continent, cat.category
ORDER BY c.continent, cat.category;
```

▼	continent	▼	category
0	Africa		Agriculture
1	Africa		Aviation & Transport
2	Africa		Banking & Finance
3	Africa		Distillers, Vintners, & Breweries
4	Africa		Energy
5	Africa		Food & Beverages
6	Africa		Manufacturing & Production
7	Africa		Media
8	Africa		Mining
9	Africa		Postal Service
10	Asia		Agriculture