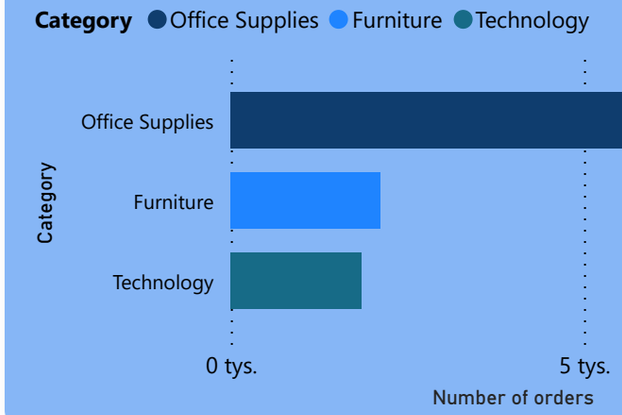
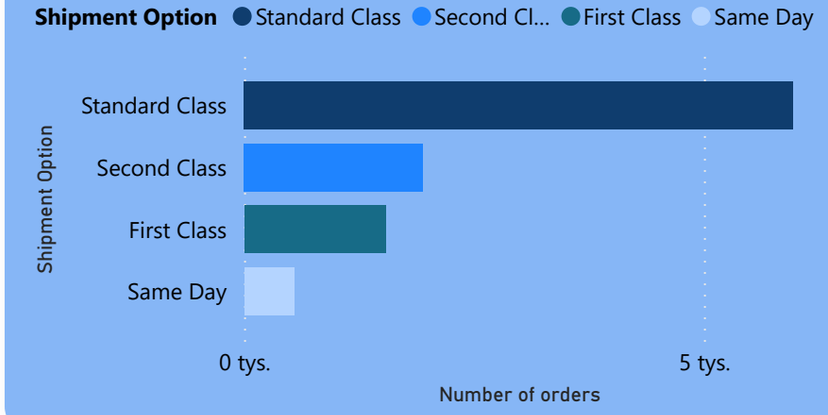
Superstore Analysys

Number of Orders per Category



Shipment Option



1862

Liczba elementów Pro...

793

Number of Customers

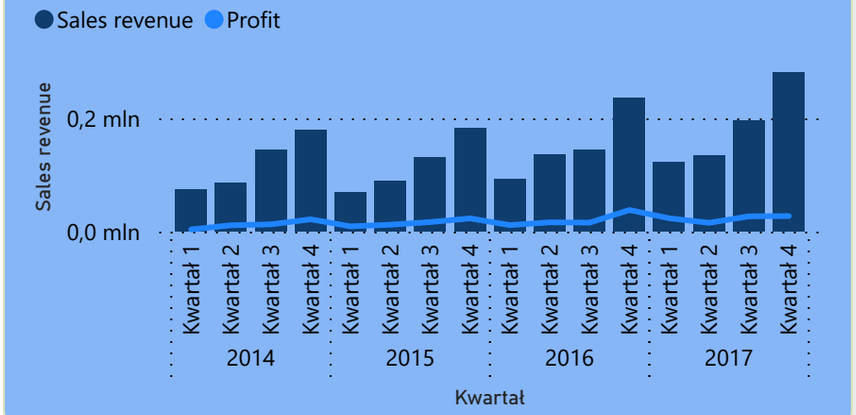
3,96

Average Delivery Time...

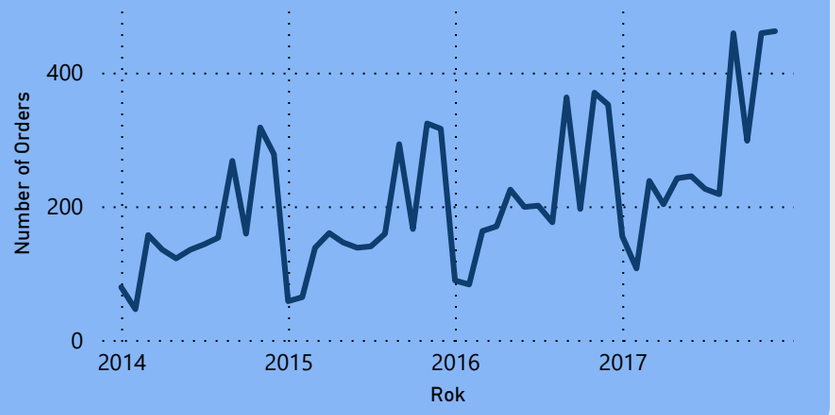
5009

Number of Orders

Sales Revenue with Profit per quater

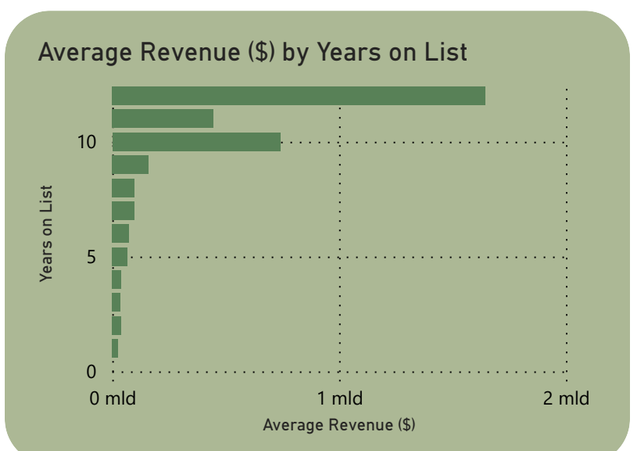


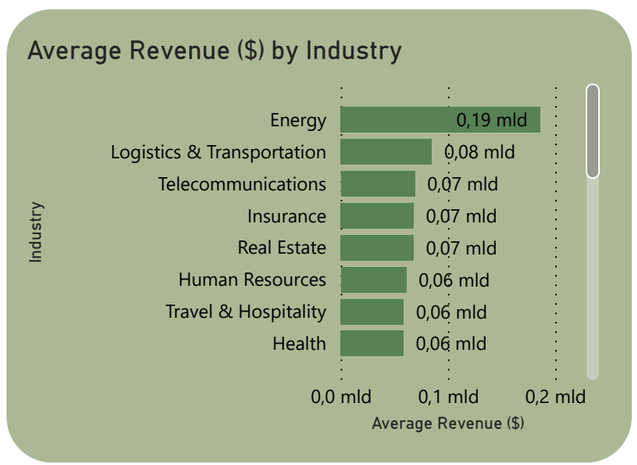
Number of Orders per month

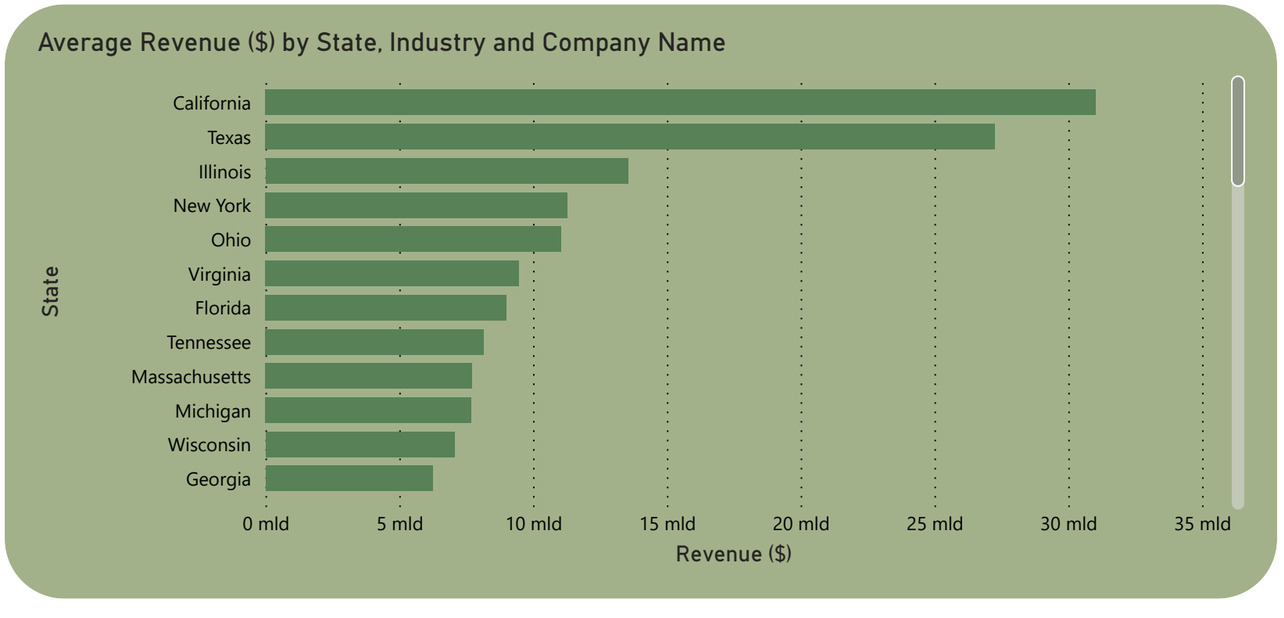


The 2014 5000 Inc. Overview

Number of Workers	Industries	Average Years on List	Number of Companies
1 mln	25	2,74	5 tys.

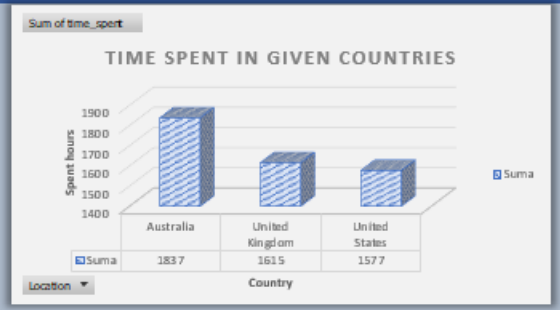


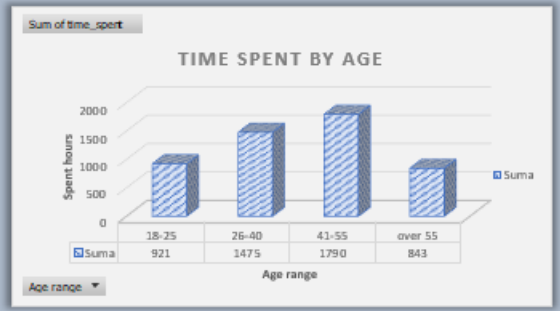




State	Average Revenue ($)	Average Growth (%)
Hawaii	19 021 167,00	2 769,00
Maine	21 748 931,57	1 694,71
California	44 693 638,69	876,20
New Mexico	8 222 094,00	817,81
Arizona	45 985 440,43	778,16
Kansas	41 016 714,00	758,04
Rhode Island	47 353 150,35	714,83
Virginia	33 362 895,27	674,53
Oregon	28 893 366,05	655,85
Alabama	21 895 162,70	648,14
District of Columbia	13 647 625,25	631,44
Suma	**43 058 182,36**	**516,44**

Average Time Spent By A User On Social Media Dashboard





FILTERS

Gender
- female
- male
- non-binary

Profession
- Marketer Manager
- Software Engineer
- Student

Place of living
- Rural
- Sub_Urban
- Urban

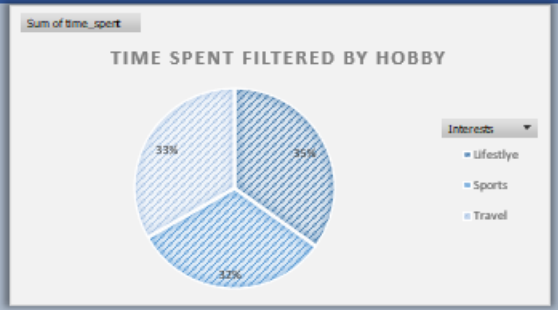
Platform
- Facebook
- Instagram
- YouTube

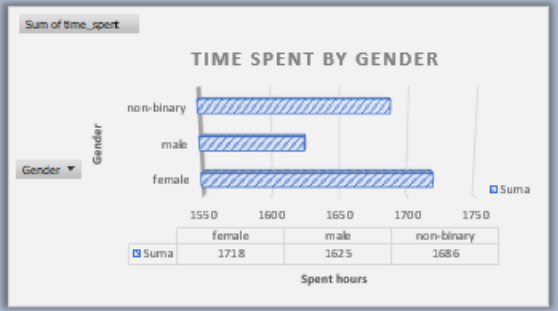
Income range
- 10-12k
- 12-14k
- 14-16k
- 16-18k
- 18-20k

House Owner
- NO
- YES

Car Owner
- NO
- YES

In Debt
- NO
- YES





It's not that we humans only take debts to manage our necessities. A country may also take debt to manage its economy. For example, infrastructure spending is one costly ingredient required for a country's citizens to lead comfortable lives. The World Bank is the organization that provides debt to countries.

In this notebook, we are going to analyze international debt data collected by The World Bank. The dataset contains information about the amount of debt (in USD) owed by developing countries across several categories. We are going to find the answers to questions like:

- What is the total amount of debt that is owed by the countries listed in the dataset?
- Which country owns the maximum amount of debt and what does that amount look like?
- What is the average amount of debt owed by countries across different debt indicators?

Below is a snapshot of the database you will be working with:

Below is a snapshot of the database you will be working with:

country_name	country_code	indicator_name	indicator_code	debt
Afghanistan	AFG	"Disbursements on external debt, long-term (DIS, current US$)"	DT.DIS.DLXF.CD	72894453.7
Afghanistan	AFG	"Interest payments on external debt, long-term (INT, current US$)"	DT.INT.DLXF.CD	53239440.1
Afghanistan	AFG	"PPG, bilateral (AMT, current US$)"	DT.AMT.BLAT.CD	61739336.9
Afghanistan	AFG	"PPG, bilateral (DIS, current US$)"	DT.DIS.BLAT.CD	49114729.4
Afghanistan	AFG	"PPG, bilateral (INT, current US$)"	DT.INT.BLAT.CD	39903620.1
Afghanistan	AFG	"PPG, multilateral (AMT, current US$)"	DT.AMT.MLAT.CD	39107845
Afghanistan	AFG	"PPG, multilateral (DIS, current US$)"	DT.DIS.MLAT.CD	23779724.3
Afghanistan	AFG	"PPG, multilateral (INT, current US$)"	DT.INT.MLAT.CD	13335820
Afghanistan	AFG	"PPG, official creditors (AMT, current US$)"	DT.AMT.OFFT.CD	100847181.9
Afghanistan	AFG	"PPG, official creditors (DIS, current US$)"	DT.DIS.OFFT.CD	72894453.7

You will execute SQL queries to answer six questions, as listed in the instructions.

Projects Data | DataFrame available as `num_distinct_countries`

```
SELECT COUNT(DISTINCT international_debt.country_name) AS total_distinct_countries
FROM international_debt;
```

	total_distinct_countries
0	124

Table Chart 1 row

Projects Data | DataFrame available as `distinct_debt_indicators`

```
SELECT DISTINCT international_debt.indicator_name AS distinct_debt_indicators
FROM international_debt
ORDER BY international_debt.indicator_name;
```

Hidden output

Projects Data | DataFrame available as `total_debt`

```
SELECT ROUND(SUM(international_debt.debt)/1000000, 2) AS total_debt
FROM international_debt;
```

Hidden output

Projects Data | DataFrame available as `highest_debt_country`

```
SELECT
international_debt.country_name,
SUM(international_debt.debt) AS total_debt
FROM international_debt
GROUP BY country_name
ORDER BY total_debt DESC
LIMIT 1;
```

Hidden output

Projects Data | DataFrame available as `avg_debt_per_indicator`

```
SELECT
international_debt.indicator_code AS debt_indicator,
international_debt.indicator_name,
AVG(international_debt.debt) AS average_debt
FROM international_debt
GROUP BY debt_indicator, indicator_name
ORDER BY average_debt DESC
LIMIT 10;
```

Hidden output

Projects Data | DataFrame available as `highest_principal_repayment`

```
SELECT international_debt.country_name,
international_debt.indicator_name
FROM international_debt
WHERE international_debt.indicator_code LIKE 'DT.AMT.DLXF.CD'
ORDER BY international_debt.debt DESC
LIMIT 1;
```

Hidden output