

Evolution and impact of the variation of the State Budget for Sports

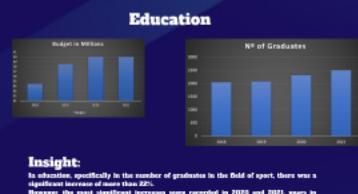
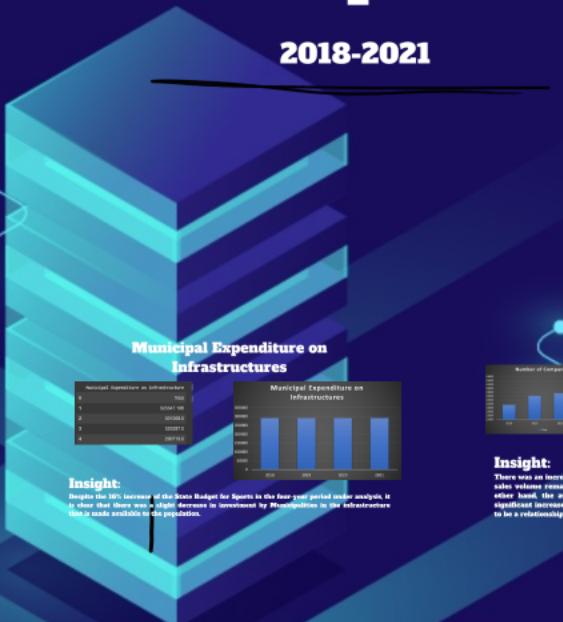
Overview of the Project

Methodology

- Finding a reliable source of information:
 - Portuguese Ministry of Sport and Youth
 - Portuguese Institute of youth and sports (IPN)
- Gathering and structuring of the data:
 - Geographic distribution of the country
 - In public investment by municipalities
 - Country balance of payments (Import vs Export)
 - Affiliated athletes

Process

- Python
- Web Scraping for data collection on Portuguese website
- Data cleaning and formatting



Insights conclusions

In this analysis we carried out and despite having experienced an characteristic aspect of the economy, specifically in the field of sport, there was a significant increase in the budget for sports in the last three years, which has had a positive impact on the public expenditure in the sports area of society, especially in the business sector, with a significant impact on the Balance of Payments and probably in the number of graduates. On the other hand, there has been a reduction in the number of athletes, which could impact the country's sporting performance in international competitions.

Evolution and impact of the variation of the State Budget for Sports

2018-2021

ANDRÉ TORRES

PEDRO MARQUES

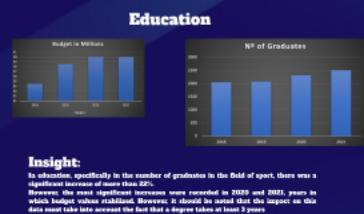
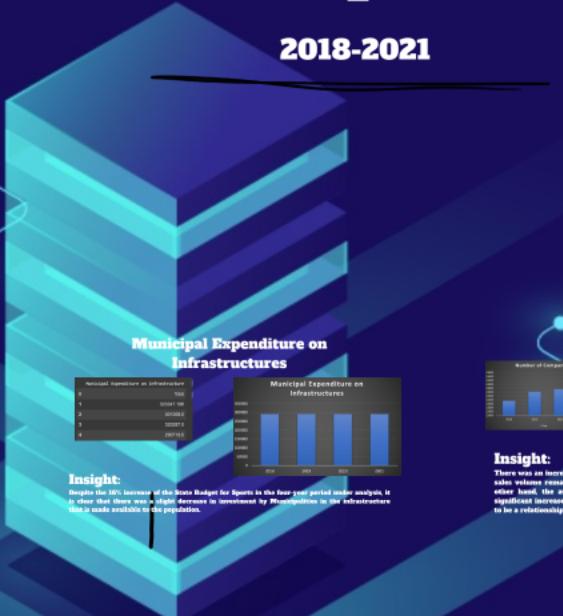
SEBASTIÃO MACIAS

Evolution and impact of the variation of the State Budget for Sports

Overview of the Project

Methodology
- Finding a reliable source of information:
• Ministry of Sport
• Portuguese Institute of youth and sports (IPN)
- Gathering and structuring of the data:
• Gathering data visualization
- Insights analysis of the variety:
• In public investment by municipalities;
• Country balance of payments (Import vs Export)
• Federated athletes

Process
- Python
• Web Scraping for data collection on Prodata website
• Data cleaning and formatting



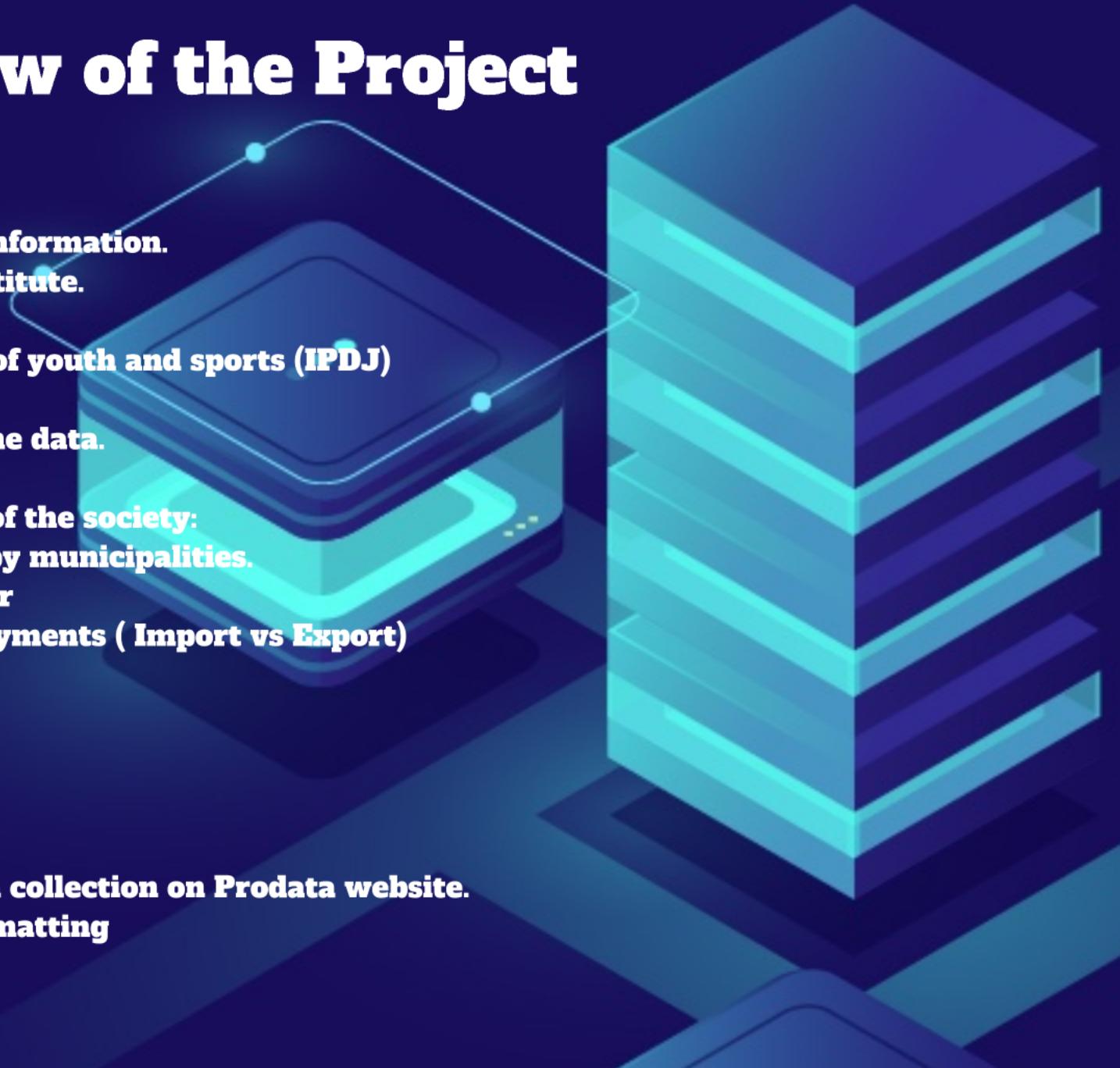
Overview of the Project

Metodology

- Finding a reliable source of information.
 - National statistics institute.
 - PorData
 - Portuguese institute of youth and sports (IPDJ)
- Cleaning and formating all the data.
- Creating data visualization.
- Insights in 5 different areas of the society:
 - In public investment by municipalities.
 - Private business sector
 - Country balance of payments (Import vs Export)
 - Education
 - Affiliated athletes

Process

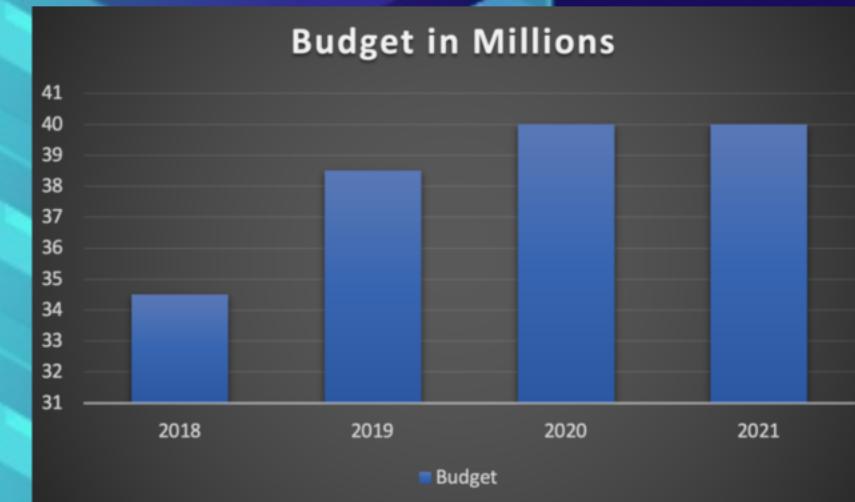
- Python
 - Web Scraping for data collection on Prodata website.
 - Data cleaning and formatting



State Budget for Sports Evolution

2018 - 34,5M€
2019 - 38,5M€
2020 - 40M€
2021 - 40M€

+ 11,6%
+ 3,9%



Insight:

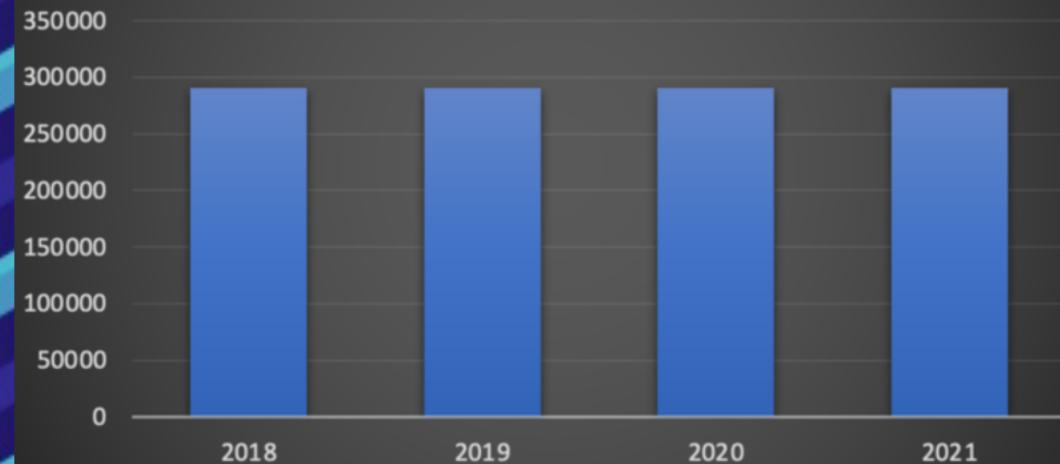
In the four-year period from 2018 to 2021 the budget increased by 16%. There was an increase of 11% between 2018 and 2019 and stabilization in the following years.

*It should be noted that it is possible that the covid effect has reduced public investment in the area of sport

Municipal Expenditure on Infrastructures

Municipal Expenditure on Infrastructure	
0	Total
1	323347.186
2	301008.0
3	320287.0
4	290719.0

Municipal Expenditure on Infrastructures

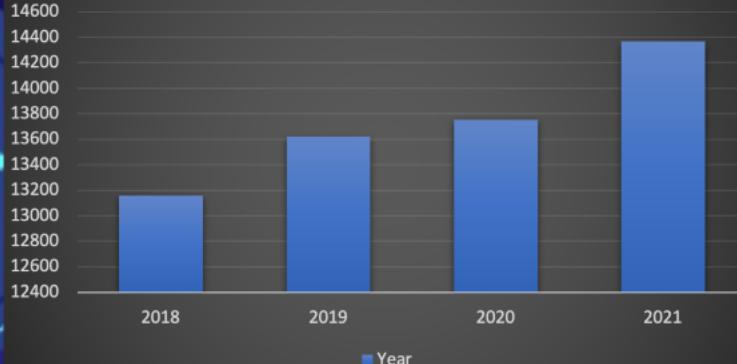


Insight:

Despite the 16% increase of the State Budget for Sports in the four-year period under analysis, it is clear that there was a slight decrease in investment by Municipalities in the infrastructure that is made available to the population.

Private Business Sector

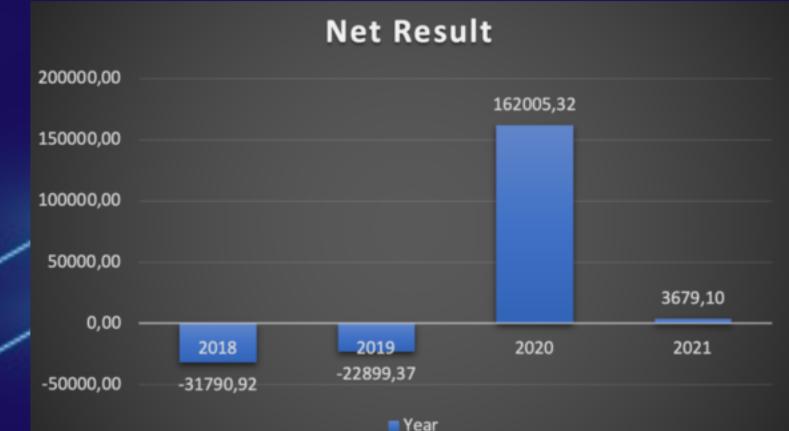
Number of Companies



Sales Amount



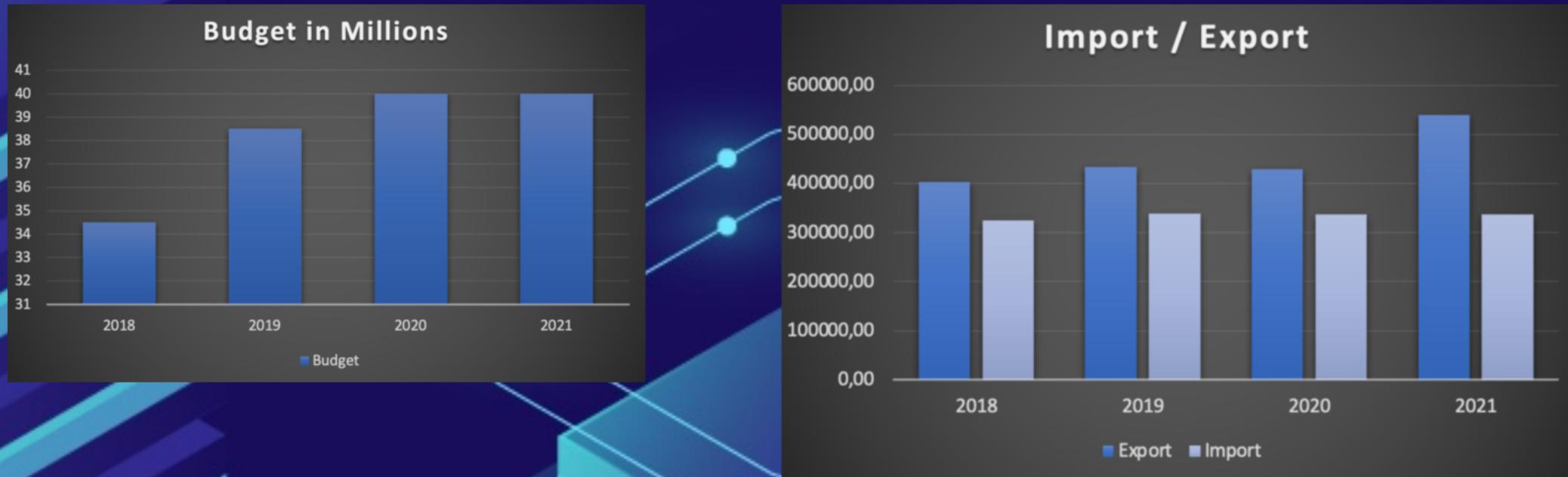
Net Result



Insight:

There was an increase in the number of companies with over 1210 companies (+9%), however the sales volume remained relatively stable with a slight increase from €1.84M to €1.93M. On the other hand, the average net profit of active companies proved to be quite variable with a significant increase from 2018 to 2019, with a significant drop in the following years, appearing to be a relationship with the evolution of the State Budget.

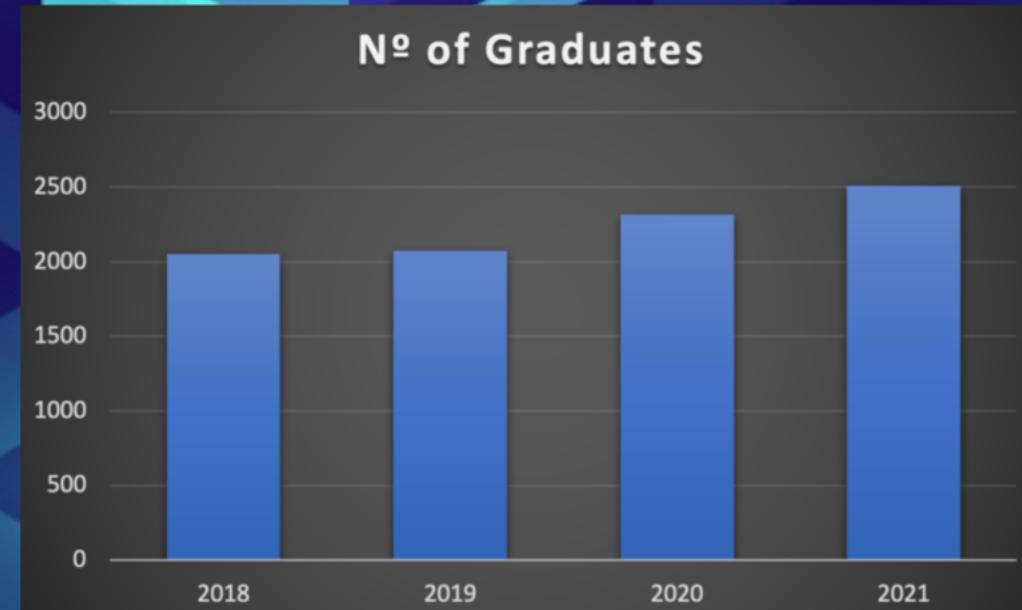
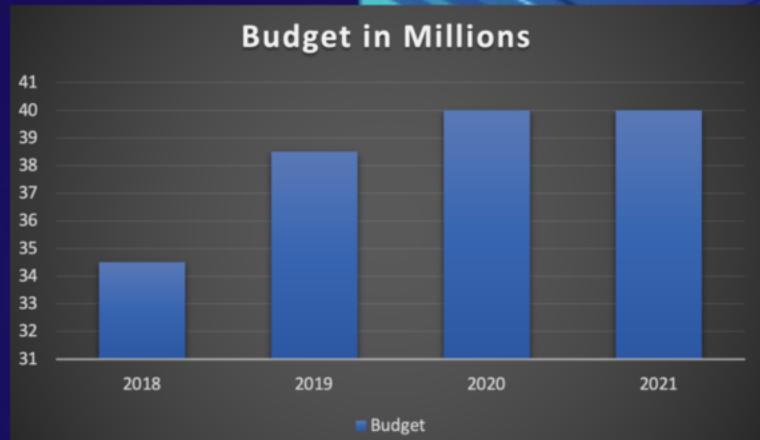
Balance of Payments



Insight:

There was a significant increase in exports during the period of 25%, compared to an increase of just 3.7% in imports. In this way, the private business sector contributed positively to the country's balance of payments, following the evolution of State investment in the sector.

Education

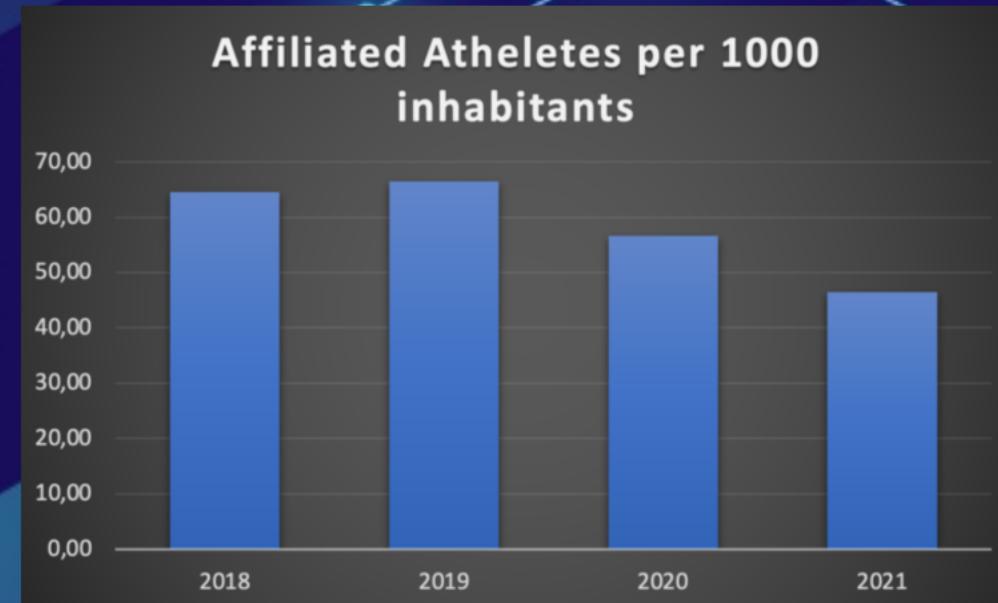
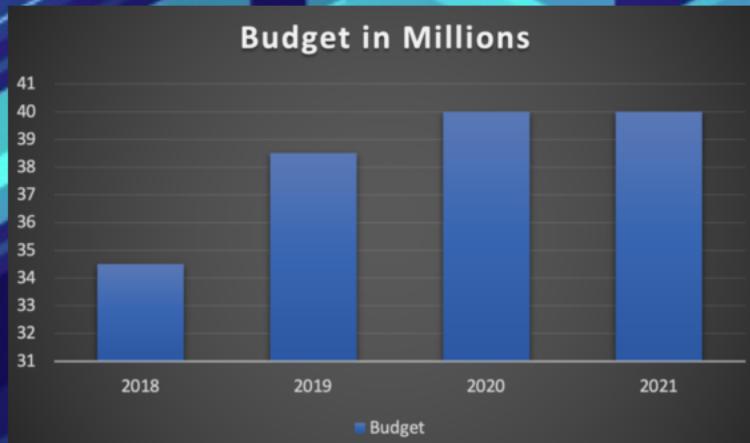


Insight:

In education, specifically in the number of graduates in the field of sport, there was a significant increase of more than 22%.

However, the most significant increases were recorded in 2020 and 2021, years in which budget values stabilized. However, it should be noted that the impact on this data must take into account the fact that a degree takes at least 3 years

Federated Athletes per 1000 inhabitants



Insight:

Despite the increase in public investment, there has been a drop in the number of federated athletes per 1,000 inhabitants, and in the year in which there was an increase in the budget the number of athletes also increased. We can verify that there may be a direct relationship between public investment and the number of athletes.

Insights conclusions

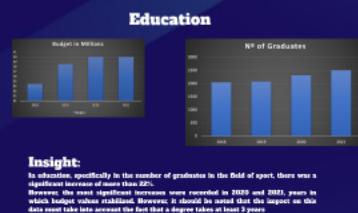
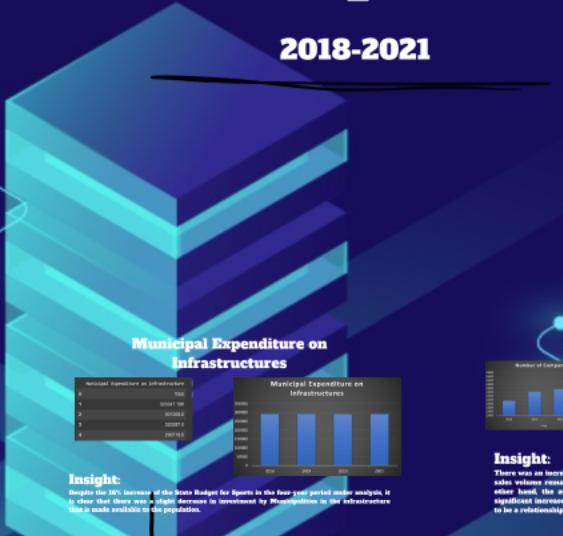
In the analysis we carried out and despite having experienced an uncharacteristic aspect of the pandemic, it is possible to conclude that an increase in public investment could have a positive impact on some areas of society, namely in the business sector, with a significant impact on the Balance of Payments and probably in the number of graduates. On the other hand, there has been a reduction in the number of athletes, which could impact the country's sporting performance in international competitions.

Evolution and impact of the variation of the State Budget for Sports

Overview of the Project

Methodology
- Finding a reliable source of information:
• Ministry of Sport
• Portuguese Institute of youth and sports (IPN)
- Gathering and structuring of the data:
• Gathering data visualization
- Insights analysis of the variety:
• In public investment by municipalities;
• Country balance of payments (Import vs Export)
• Federated athletes

Process
- Python
• Web Scraping for data collection on Prodata website
• Data cleaning and formatting



Insights conclusions

In this analysis we carried out and despite having experienced an characteristic aspect of the economy, specifically in the field of sport, there was a significant increase in the budget in the main areas of society, namely in the health sector, with a significant impact on the Balance of Payments and probably in the number of graduates. On the other hand, there has been a reduction in the number of athletes, which could impact the country's sporting performance in international competitions.